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UNIVERSITY OF LONDON, UNIVERSITY COLL

REPORT OF THE UNIVERSITY COLLEGE COMMITT

(February 1912—February 1913),

WITH

FINANCIAL STATEMENTS

(FOR THE SESSION 1911-12),

AND

OTHER DOCUMENTS,

FOR PRESENTATION TO

THE SENATE.

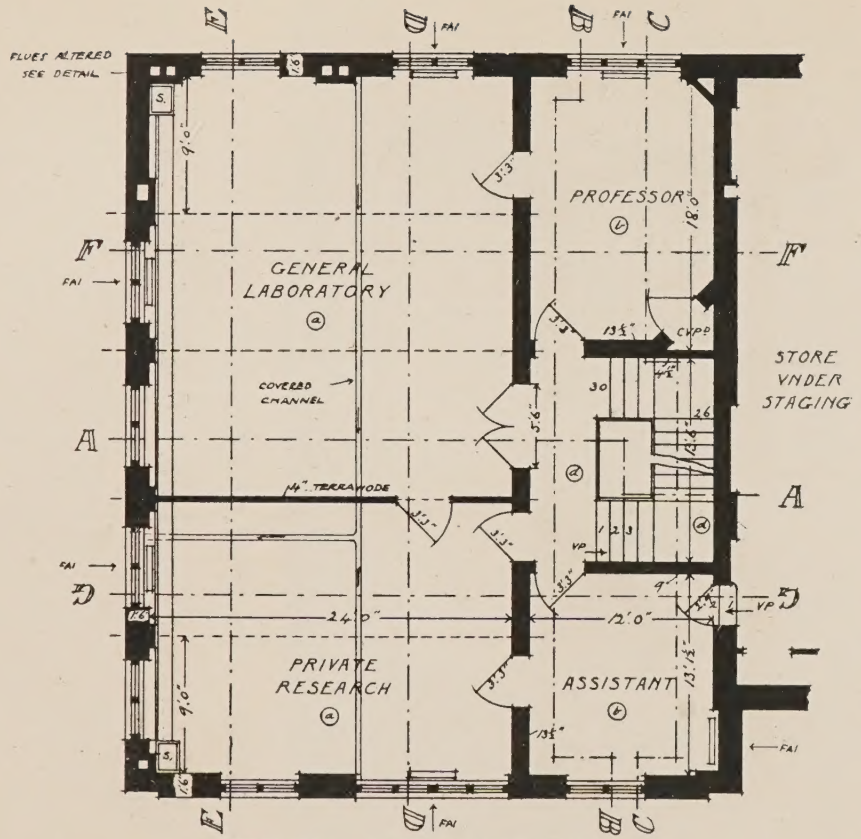
LONDON:

PRINTED BY TAYLOR AND FRANCIS, RED LION COURT, FLEET STREET.

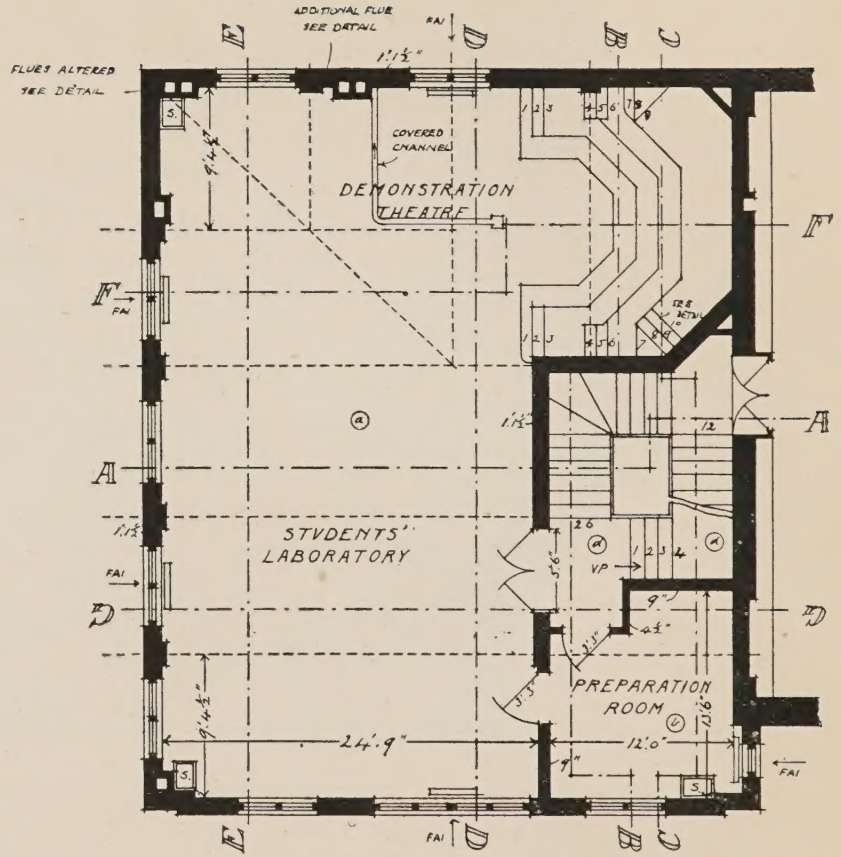
1913.

NEW PHARMACOLOGICAL INSTITUTE.

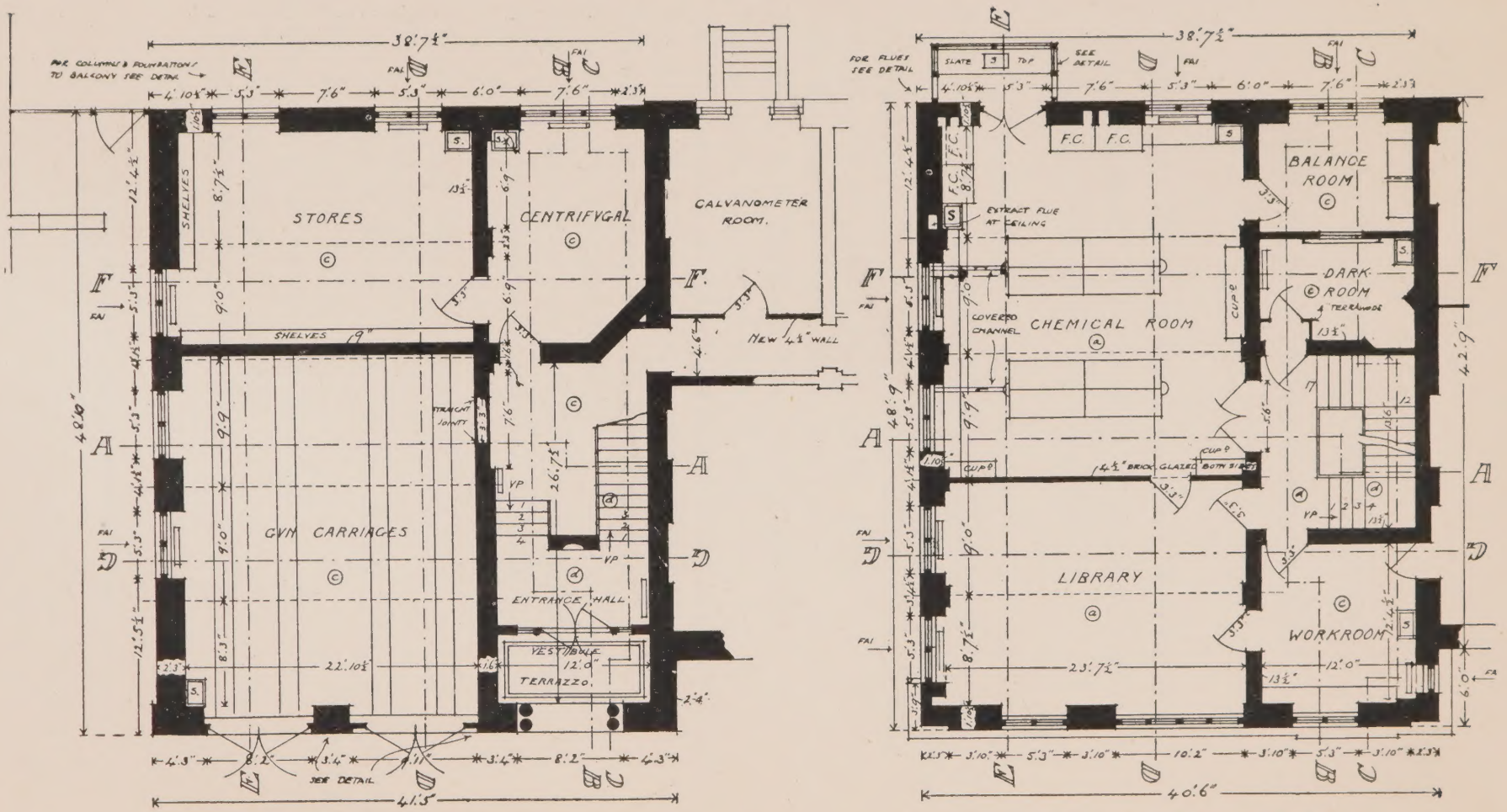
(*Presented by* Mr. Andrew Carnegie. *Opened by* Sir Thomas Barlow, Bart., *President of the Royal College of Physicians, on Dec. 4th*, 1912.)



FIRST FLOOR PLAN.



SECOND FLOOR PLAN.



BASEMENT PLAN.

GROVND FLOOR PLAN.

SCALE OF FEET.

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COLLEGE COMMITTEE

(For the Year ending February, 1913.)

Chairman: The Right Hon. Lord Reay, K.T., G.C.S.I., LL.D.
Vice-Chairman: Sir Edward H. Busk, M.A., LL.B.†
Treasurer: *Sir Felix Schuster, Bart.

*Walter Baily, M.A.
*J. Bourne Benson, B.A., LL.D.† (Chairman of the Managing and Budget Sub-Committees).
Professor Sir John R. Bradford, K.C.M.G., M.D., F.R.S.†
*Professor J. N. Collie, Ph.D., LL.D., F.R.S.
Sir William J. Collins, M.D., F.R.C.S.
*Professor J. D. Cormack, D.Sc., M.Inst.Mech.E.
*Professor A. R. Cushny, M.D., F.R.S.
*K. R. Fletcher, D.C.L. (Past Master of the Drapers' Company).
*G. Carey Foster, B.A., LL.D., D.Sc., F.R.S.†
*T. Gregory Foster, B.A., Ph.D.† (Provost).
*Professor E. A. Gardner, M.A.
Sir Alfred Pearce Gould, K.C.V.O., M.S., F.R.C.S.†
*The Hon. Rupert Guinness, C.B., C.M.G., M.P.
C. Hawksley, M.Inst.C.E.
*The Rt. Hon. Lord Herschell, M.V.O.
*T. Lambert Mears, M.A., LL.D.
Sir Henry A. Miers, M.A., D.Sc., F.R.S. (Principal of the University).
*W. E. Mullins, M.A.
*Professor A. F. Murison, M.A., LL.D.
W. Blake Odgers, LL.D., K.C.
*Andrew T. Taylor, L.C.C., R.C.A., F.R.I.B.A.

---

* Member of Managing Sub-Committee.
† Fellow of the College.

ADMINISTRATIVE OFFICERS.

PROVOST.
T. GREGORY FOSTER, B.A., Ph.D.†

SECRETARY.
WALTER W. SETON, M.A.

Publications Secretary.—R. E. M. Wheeler, M.A.
Private Secretary to the Provost.—H. Todd Thornbery, B.Sc.

Accountant.—Arthur J. Short.
Cashier & Ædile.—Alfred E. G. Attoe.
Accounts Assistant.—J. G. H. Howard.
Junior Cashier.—F. St. John Nicolle.

Senior Clerk.—L. R. Beard.
Junior Clerk.—G. A. Williams.
Confidential Clerks—Frances E. Craggs; Ethel L. Burr; Bessie G. Greig; Dorothy B. Handy; Dorothy N. Jones, B.A.

TUTOR TO WOMEN STUDENTS.
Winifred Smith, B.Sc.

AUDITOR.
G. W. Knox, B.Sc., F.C.A.

HONORARY SANITARY ADVISER.
Professor H. R. Kenwood, M.B., D.P.H.

LIBRARY STAFF.
Librarian.—R. W. Chambers, M.A., D.Lit.†
Sub-Librarian.—L. Newcombe.
Assistant Librarian.—R. Offor.
Senior Library Assistant.—W. Bonser.
Junior Library Assistants—J. A. Wilks; A. L. Edwards.
Cataloguing Assistant.—Norah Beale.

STEWARD.
May Andrews.

FOREMAN OF COLLEGE BUILDINGS.
W. H. Willsteed.

† Fellow of the College.

PROFESSORIAL BOARD.

Chairman.—T. GREGORY FOSTER, B.A., Ph.D.†

	Appointed§
T. W. Arnold, C.I.E., M.A.	1904
L. D. Barnett, M.A., D.Lit.	1906
W. M. Bayliss, M.A., D.Sc., F.R.S.†	1912
J. F. Blumhardt, M.A.	1896
Louis M. Brandin, M.A., Ph.D.	1901
Fredk. Brown	1892
Harold E. Butler, M.A.	1911
M. O. B. Caspari, M.A.	1908
Antonio Cippico, Dr. J.	1912
J. Norman Collie, Ph.D., LL.D., F.R.S.	1902
J. D. Cormack, D.Sc., M.Inst.Mech.E.	1901
A. R. Cushny, M.A., M.D., F.R.S.	1905
W. H. Eccles, D.Sc.	1912
L. N. G. Filon, M.A., D.Sc., F.R.S.†	1912
J. A. Fleming, M.A., D.Sc., F.R.S.†	1885
H. S. Foxwell, M.A., F.B.A.	1881
R. W. Frazer, B.A., LL.B.	1907
E. A. Gardner, M.A.	1896
E. J. Garwood, M.A.	1901
Hermann Gollancz, M.A., D.Lit.	1902
Vaughan Harley, M.D., M.R.C.P.	1896
G. Dawes Hicks, M.A., Litt.D., Ph.D.	1904
J. P. Hill, D.Sc.	1906
M. J. M. Hill, M.A., Sc.D., LL.D., F.R.S.†	1884
H. Hirschfeld, Ph.D.	1907
G. H. J. Hurst, M.A.	1908
H. R. Kenwood, M.B., D.P.H.	1904
W. P. Ker, M.A., LL.D., Litt.D., F.B.A.	1889
R. W. Lee, M.A., B.C.L.	1906

† Fellow of the College.

§ The dates given in the case of Professors are those in which they were appointed to their respective Chairs; in the case of others, the dates are those in which they were appointed members of the Professorial Board.

	Appointed§
L. W. Lyde, M.A.	1903
Sir John Macdonell, C.B., M.A., LL.D.	1901
F. C. Montague, M.A.†	1893
J. H. Morgan, M.A.	1908
A. F. Murison, M.A., LL.D.	1883
J. W. Neill	1896
F. W. Oliver, M.A., D.Sc., F.R.S.†	1890
Karl Pearson, M.A., LL.D., F.R.S.	1884
W. M. Flinders Petrie, D.C.L., LL.D., F.R.S.	1892
T. G. Pinches, LL.D.	1907
J. Arthur Platt, M.A.	1894
A. F. Pollard, M.A., Litt.D.	1903
A. W. Porter, B.Sc., F.R.S.†	1912
R. Priebsch, Ph.D.	1898
Sir W. Ramsay, K.C.B., LL.D., Ph.D., F.R.S.	1887
F. M. Simpson, F.R.I.B.A.	1903
C. Spearman, Ph.D.	1911
E. H. Starling, M.D., F.R.C.P., F.R.S.	1899
G. D. Thane, LL.D., Sc.D., F.R.C.S.	1877
F. T. Trouton, M.A., Sc.D., F.R.S.	1902
A. N. Whitehead, Sc.D., F.R.S.	1912
C. E. Wilson, B.A.	1902
A. Wolf, M.A., D.Lit.†	1911

BOARD OF INDIAN STUDIES.

The Rt. Hon. Lord Reay, K.T., G.C.S.I., LL.D. (Chairman).
The Provost.
The Rt. Hon. Lord Herschell, M.V.O.
Professor J. W. Neill (Censor of the Indian School).
Professor T. W. Arnold, C.I.E., M.A.
Professor J. F. Blumhardt, M.A.

† Fellow of the College.

§ The dates given in the case of Professors are those in which they were appointed to their respective Chairs; in the case of others, the dates are those in which they were appointed members of the Professorial Board.

DEPARTMENTS AND STAFF.

(*February* 1913.)

[The names of Members of the respective Faculties are printed in SMALL CAPITALS.]

Faculty of Arts.

Dean.—Professor G. DAWES HICKS.
Vice-Dean.—Professor H. E. BUTLER.
Sub-Dean.—L. SOLOMON.

Subject.	*Name.*	*Status.*
Æsthetics	J. Sully, M.A., LL.D.	Lecturer.
Arabic	T. W. ARNOLD, C.I.E., M.A.	Professor.
Archæology	E. A. GARDNER, M.A.	Yates Professor.
Architecture	J. J. Burnet, A.R.S.A., LL.D., F.R.I.B.A.	Architect-Visitor.
	F. M. SIMPSON, F.R.I.B.A.	Professor.
	LESLIE WILKINSON, A.R.I.B.A.	Assistant Professor and Instructor in Design.
Assyriology	T. G. Pinches, LL.D.	Lecturer.
Bengali	J. F. BLUMHARDT, M.A.	Reader.
Burmese	A. L. Hough	Reader.
Economic Geography	L. W. LYDE, M.A.	Professor.
Egyptology and Coptic	W. M. FLINDERS PETRIE, D.C.L., LL.D., F.R.S., F.B.A.	Edwards Professor.
	J. H. Walker, M.A.	Assistant.
	Margaret A. Murray	Assistant.
English	W. P. KER, M.A., LL.D., F.B.A.	Quain Professor.
	R. W. CHAMBERS, M.A., D.Lit.†	Assistant Professor.
	T. GREGORY FOSTER, B.A., Ph.D.†	Lecturer.
	GERALD GOULD, B.A.†	Quain Student.
	J. H. G. GRATTAN, B.A.	Assistant.
Fine Arts	FREDK. BROWN	Slade Professor.
	H. TONKS	Assistant Professor.
	Havard Thomas	Teacher of Sculpture.
	W. Russell	Assistant.
	P. W. Steer	Assistant Teacher.
	D. Lees	Assistant.
	Roger E. Fry, B.A.	Lecturer.
	G. Thomson	Lecturer.
French	LOUIS M. BRANDIN, M.A., Ph.D.	Fielden Professor.
	P. V. Thomas, M.A.	Assistant.
German	R. PRIEBSCH, Ph.D.	Professor.
	J. G. ROBERTSON, M.A., B.Sc., Ph.D.	Professor.
	J. Steppat, B.A., Ph.D.	Reader.
	W. PERRETT, Ph.D.	Reader.
	A. G. Haltenhoff	Assistant.
Greek	J. ARTHUR PLATT, M.A.	Professor.
	L. SOLOMON, M.A.	Assistant.
Gujárati	S. A. KAPADIA, M.D.	Reader.
Hebrew	HERMANN GOLLANCZ, M.A., D.Lit.	Goldsmid Professor.

† Fellow of the College.

Subject.	*Name.*	*Status.*
Hindi	J. F. Blumhardt, M.A. ..	Reader.
Hindustani	J. F. Blumhardt, M.A. ..	Professor.
History; Mediæval & Modern	F. C. Montague, M.A.† ..	Astor Professor.
„ ; English.....	A.F.Pollard, M.A.,Litt.D.	Professor.
	Rachel R. Reid, M.A., D.Lit.†	Assistant.
	E. A. Fulton, M.A.	Assistant.
„ ; Ancient.....	M. O. B. Caspari, M.A. ..	Reader.
History of India	J. W. Neill	Lecturer.
Italian.....	Antonio Cippico, Dr. J...	Lecturer.
„ (Dante)	Edmund G. Gardner, M.A.	Barlow Lecturer.
Latin	H. E. Butler, M.A.	Professor.
	L. Solomon, M.A.	Assistant.
Marathi	J. W. Neill	Reader.
Mathematics (Applied) and Mechanics.	L.N.G. Filon, M.A., D.Sc., F.R.S.†	Goldsmid Professor.
	M. T. M. Ormsby, M.Inst. C.E.I.	Assistant.
	G. B. Jeffery	Assistant.
Mathematics (Pure)	M. J. M. Hill, M.A., Sc.D., LL.D., F.R.S.†	Astor Professor.
	A. N. Whitehead, Sc.D., F.R.S.	Reader (Geometry)
	H. J. Harris, B.A.	Assistant.
	J. H. Dibb, B.Sc.	Assistant.
	F. Jackson, M.A., B.Sc. ..	Assistant.
	R. G. Lunnon, M.A., B.Sc.	Assistant.
Military Science	Capt. G. P. A. Phillips ..	Lecturer.
Pali and Buddhist Literature.	Mabel H. Bode, Ph.D.	Lecturer.
Persian	C. E. Wilson, B.A.	Professor.
Philology; Comparative.	F. W. Thomas, M.A., Ph.D.	Lecturer.
„ ; Germanic ..	R. Priebsch, Ph.D.	Professor.
„ ; Romance ..	Louis M. Brandin, M.A., Ph.D.	Professor.
Philosophy and Psychology.	G. Dawes Hicks, M.A., Litt.D., Ph.D.	Professor (Philosophy).
	C. Spearman, Ph.D.	Grote Professor (Mind and Logic).
	A. Wolf, D.Lit.Lond., M.A.Camb.†	Reader (Logic and Ethics).
	J. Flügel, B.A.	Assistant (Psychology).
	J. Sully, M.A. LL.D.	Emeritus Professor and Lecturer.
	Carveth Read, M.A.	Lecturer.
	F.Aveling,Ph.D.,D.D.,D.Sc.	Lecturer.
Phonetics	D. Jones, M.A.	Lecturer.
	G. Noel-Armfield	Assistant.
Political Economy.....	H.S.Foxwell,M.A.,F.B.A.	Professor.
	Reginald Hooker, M.A., F.S.S.	Newmarch Lecturer.
Sanskrit	L. D. Barnett, D.Litt. ..	Professor.
	J. Allan, M.A.	Assistant.
Semitic (North) Epigraphy.	H. Hirschfeld, Ph.D.	Lecturer.
Tamil and Telugu	R. W. Frazer, B.A., LL.B.	Reader.
Tibetan	F. W. Thomas, M.A., Ph.D.	Reader.

† Fellow of the College.

Faculty of Laws.

Dean.—Professor A. F. Murison.
Vice-Dean.—Professor J. W. Neill.

Subject.	*Name.*	*Status.*
Comparative Law	Sir John Macdonell, C.B., M.A., LL.D.	Quain Professor.
Constitutional Law	J. H. Morgan, M.A.	Acting-Professor.
English History.....	A.F. Pollard, M.A., Litt.D.	Professor.
English Law	G. H. J. Hurst, M.A.	Acting-Professor.
Indian Law	J. W. Neill	Professor.
Jurisprudence.....	A. F. Murison, M.A., LL.D.	Professor.
Roman Dutch Law	R. W. Lee, M.A., B.C.L...	Professor.
Roman Law	A. F. Murison, M.A., LL.D.	Professor.

Faculty of Science.

Dean.—Professor J. P. Hill.
Vice-Dean.—Professor F. T. Trouton.
Sub-Dean.—H. J. Harris.

Botany	F. W. Oliver, M.A., D.Sc., F.R.S.†	Quain Professor
	T. G. Hill, A.R.C.S.	Reader (Plant Physiology).
	E. M. Cutting, M.A.	Assistant.
	C. M. Green, B.Sc.	Assistant.
	Ethel N. Thomas, B.Sc. ..	Lecturer.
	Sarah M. Baker, B.Sc.	Quain Student.
Chemistry (Organic)	J. Norman Collie, LL.D., Ph.D., F.R.S.	Professor (Organic)
,, (Inorganic and General).	Sir W. Ramsay, K.C.B., LL.D., Ph.D., F.R.S.	Professor (Inorganic and General).
	R. Whytlaw-Gray, Ph.D.†	Assistant Professor.
	Samuel Smiles, D.Sc.† ..	Assistant Professor.
	Katherine A. Burke, B.Sc.	Assistant.
	W. C. McC. Lewis, D.Sc. .	Assistant.
	W. B. Tuck, D.Sc.	Assistant.
	Irvine Masson, M.Sc.	Assistant.
	J. R. Green, B.Sc.	Demonstrator.
	L. H. Haines, B.Sc.	Demonstrator.
	A. Newton.....	Demonstrator.
	W. Saunders	Demonstrator.
	H. V. Tattersall, B.Sc.....	Demonstrator.
	H. Terrey	Demonstrator.
	G. N. White	Demonstrator.
Eugenics (Applied Statistics).	Karl Pearson, M.A., LL.D., F.R.S.	Galton Professor.
	David Heron, M.A., D.Sc.	Galton Fellow.
	Ethel M. Elderton	Galton Scholar
	Amy Barrington	Assistant.
	Julia Bell, M.A.	Assistant.
	H. E. Soper, M.A.	Assistant.
	Kathleen V. Ryley	Benington Student.
	Eveline Y. Thomson	Assistant.
	H. Gertrude Jones	Hon. Secretary (Eugenics Laboratory).

† Fellow of the College.

Subject.	*Name.*	*Status.*
Geology, Physical Geography, and Mineralogy.	E. J. Garwood, M.A.	Yates-Goldsmid Professor.
	Edith Goodyear, B.Sc.	Museum Assistant.
	W. Russ	Demonstrator.
Pathological Chemistry	Vaughan Harley, M.D., M.R.C.P.	Professor.
	F. W. Goodbody, M.D., M.R.C.P.	Assistant Professor.
Pharmacology	Arthur R. Cushny, M.A., M.D., F.R.S.	Professor.
	A. J. Clark, B.A., M.B., M.R.C.P., M.R.C.S., D.P.H.	Assistant.
Physics	F. T. Trouton, M.A., Sc.D., F.R.S.	Quain Professor.
	A. W. Porter, B.Sc., F.R.S.†	Reader (Thermodynamics).
	N. Eumorfopoulos, B.Sc.†	Assistant.
	A. O. Rankine, D.Sc.†	Assistant.
	D. Orson Wood, B.Sc.	Assistant.
Physiology	E. H. Starling, M.D., B.S., F.R.C.P., F.R.S.	Jodrell Professor.
	W. M. Bayliss, M.A., D.Sc., F.R.S.†	Professor (General Physiology).
	G. A. Buckmaster, M.A., M.D., D.P.H.	Reader (Applied Physiology).
	R. H. Plimmer, D.Sc.†	Reader (Physiological Chemistry).
	C. Lovatt Evans, B.Sc.	Assistant & Sharpey Scholar.
	G. T. Oliver, B.A.	Hon. Assistant.
	E. de B. Barnett, B.Sc.	Demonstrator (Chem. Physiology).
	Ruth Skelton, B.Sc.	Demonstrator.
Zoology and Comparative Anatomy.	J. P. Hill, D.Sc.	Jodrell Professor.
	W. J. Dakin, D.Sc.	Senior Assistant.
	F. J. Bridgman, A.R.C.S.	Assistant.
	P. F. Macgregor	Demonstrator.

[The Professors of Anatomy, Archæology, Economic Geography, Egyptology, Pure Mathematics, Applied Mathematics and Mechanics, Philosophy of Mind and Logic, and Political Economy, Dr. Derry, Capt. Phillips, and Dr. Whitehead, are also Members of this Faculty.]

Faculty of Engineering.

Dean.—Professor J. A. Fleming.
Vice-Dean.—Professor J D. Cormack.

Engineering; Civil, and Surveying.	H. Deans, M.A. (Cantab.), M.Inst.C.E.	Lecturer.
	A. T. Walmisley, M.Inst.C.E.	Lecturer.
	W. N. Blair, M.Inst.C.E.	Lecturer.
	M. T. Ormsby, M.Inst.C.E.I.	Lecturer.
Engineering; Electrical	J. A. Fleming, M.A., D.Sc., F.R.S.†	Professor.
	W. C. Clinton, B.Sc., M.Inst.E.E.	Assistant Professor.
	E. Kilburn Scott, M.Inst. E.E., A.M.Inst.C.E.	Lecturer.
	G. B. Dyke, B.Sc.	Assistant.
Engineering; Heating and Ventilating.	A. H. Barker, B.A., B.Sc.	Lecturer.

† Fellow of the College.

Subject.	*Name.*	*Status.*
Engineering; Mechanical.	J. D. Cormack, M.Inst.Mech.E. D.Sc.,	Professor.
	W. H. Eccles, D.Sc.	Reader (Graphics).
	W. J. Goudie, M.I.Mech.E. B.Sc.,	Assistant Professor.
	H. P. Philpot, M.I.Mech.E. B.Sc.,	Assistant Professor.
	E. Sprague, Assoc.M.Inst. C.E.	Assistant.
	E. H. Bate, B.Sc.	Demonstrator.
	B. J. Lloyd-Evans, B.Sc...	Demonstrator.
	P. Schur	Demonstrator.
Engineering Municipal.	(Vacant).	Edwin Chadwick Professor.
	(Vacant).	Lecturer.
	M. T. Ormsby, M.Inst.C.E.I.	Assistant.
Hygiene and Public Health.	H. R. Kenwood, M.B., D.P.H., F.R.S.E.	Chadwick Professor.
	J. Sherwood New, M.B., B.S., D.P.H.	Assistant & Lecturer.

[The Professors of Architecture, Chemistry (General), Geology, Mathematics (Pure), Applied Mathematics and Mechanics, and Physics, together with Mr. Dibb, Mr. Porter, Dr. Whytlaw-Gray, and Mr. Orson Wood, are also Members of this Faculty.]

Faculty of Medical Sciences.

Dean.—Professor G. D. Thane.
Vice-Dean.—Professor A. R. Cushny.

Anatomy.....	G. D. Thane, LL.D., Sc.D., F.R.C.S.	Professor.
	D. E. Derry, M.B., Ch.B.	Lecturer in Physical Anthropology & Curator of the Anatomical Museum.
	H. T. Mant, M.S., F.R.C.S.	Demonstrator.
	E. K. Martin, M.B., M.S., F.R.C.S.	Demonstrator.
	A. D. Anderson	Assist. Demonstrator.
	C. L. Herklots, B.A.	Assist. Demonstrator.
Botany	F. W. Oliver, M.A., D.Sc., F.R.S.†	Quain Professor.
	T. G. Hill, A.R.C.S.	Reader (Plant Physiology).
	E. M. Cutting, M.A.....	Assistant
	C. M. Green, B.Sc.	Assistant.
Chemistry (Organic)....	J. Norman Collie, LL.D., Ph.D., F.R.S.	Professor (Organic).
„ (Inorganic and General).	Sir W. Ramsay, K.C.B., LL.D., Ph.D., F.R.S.	Professor (Inorganic and General).
	R. H. Plimmer, D.Sc.† ..	Teachers of Chemistry to Medical Students.
	W. B. Tuck, D.Sc.	
	E. de B. Barnett, B.Sc. ..	Demonstrator (Chem.Physiology).
Hygiene and Public Health.	H. R. Kenwood, M.B., D.P.H., F.R.S.E.	Professor.
	J. Sherwood New, M.B., B.S., D.P.H.	Assistant & Lecturer.

† Fellow of the College.

Subject.	*Name.*	*Status.*
Neurology, Experimental.	Sir Victor Horsley, M.B., B.S., F.R.S.†	Lecturer.
Pathological Chemistry .	Vaughan Harley, M.D., M.R.C.P.	Professor.
	F. W. Goodbody, M.D., M.R.C.P.	Assistant Professor.
Pharmacology	Arthur R. Cushny, M.A., M.D., F.R.S.	Professor.
	A. J. Clark, B.A., M.B., M.R.C.P., M.R.C.S., D.P.H.	Assistant.
Physics	F. T. Trouton, M.A., Sc.D., F.R.S.	Quain Professor.
	A. W. Porter, B.Sc., F.R.S.†	Reader (Thermodynamics).
	N. Eumorfopoulos, B.Sc.† .	Assistant.
	A. O. Rankine, D.Sc.† ..	Assistant.
	D. Orson Wood, B.Sc.	Assistant.
Physiology	E. H. Starling, M.D., B.S., F.R.C.P., F.R.S.	Professor.
	W. M. Bayliss, M.A., D.Sc., F.R.S.†	Professor (General Physiology).
	G. A. Buckmaster, M.A., M.D., D.P.H.†	Reader (Applied Physiology).
	R. H. Plimmer, D.Sc.† ..	Reader (Physiological Chemistry).
	C. Lovatt Evans, B.Sc. ..	Assistant & Sharpey Scholar.
	E. de B. Barnett, B.Sc. ..	Demonstrator (Chem. Physiology).
Zoology and Comparative Anatomy.	J. P. Hill, D.Sc.....	Jodrell Professor.
	W. J. Dakin, D.Sc.	Senior Assistant.
	F. J. Bridgman, A.R.C.S.	Assistant.

† Fellow of the College.

PROFESSORES EMERITI.

Daniel Oliver, F.R.S.....	Botany	1888
Sir A. B. W. Kennedy, F.R.S.	Mechanical Engineering	1889
E. S. Beesly, M.A.....	History	1893
Sir John Williams, Bart., M.D.†	Obstetric Medicine	1893
H. Charlton Bastian, M.A., M.D., F.R.S.†	Medicine and Clinical Medicine	1898
G. Carey Foster, B.A., LL.D., D.Sc., F.R.S.†	Physics	1898
The Rev. T. G. Bonney, D.Sc., F.R.S.	Geology	1901
James Sully, M.A., LL.D.....	Philosophy of Mind and Logic	1904
Sir John Tweedy, F.R.C.S.	Ophthalmic Medicine and Surgery.	1904
Frederick T. Roberts, M.D., F.R.C.P.†	Medicine and Clinical Medicine	1905
Sir E. Ray Lankester, M.A., LL.D., F.R.S.	Zoology and Comparative Anatomy.	1906
Sir Victor Horsley, M.B., B.S., F.R.C.S., F.R.S.†	Clinical Surgery	1906
Sir Thomas Barlow, Bart., M.D., F.R.S.	Clinical Medicine	1911
Osbert Chadwick, C.M.G., M.Inst. C.E., M.Inst.M.E.	Municipal Engineering	1912

† Fellow of the College.

REPORT OF THE COLLEGE COMMITTEE.

STUDENTS AND FEES.

SESSION 1911–1912.

The total number of Students during the Session 1911–12 was 1679, being an increase of 79 over that of the preceding Session. These Students were distributed as follows:—

	Undergraduate & Non-matriculated.	Postgraduate & Research.
Faculty of Arts (excluding Fine Art)	457	168
„ „ „ (Slade School of Fine Art)	246	—
Faculty of Laws	34	10
Faculty of Science	310	82
Faculty of Engineering	104	70
Faculty of Medical Sciences.....	125	73
	1276 +	403 = 1679

Of the 1276 Undergraduate and Non-matriculated Students, 531 were women and 745 were men; of the 403 Postgraduate and Research Students, 117 were women and 286 were men. There were 710 registered Internal Students of the University, compared with 678 in the previous year. The geographical districts from which the Students came are given in Appendix I. (see p. 54).

The total fees available for the service of the Session 1911–12 (less £83 17*s.* 6*d.* fees returned owing to special circumstances) amounted to £25,903 16*s.* 10*d.*, an increase of £2,159 1*s.* 10*d.* on the previous Session. The proportion of composition fees due to succeeding Sessions is not included in the above total.

THE CURRENT SESSION (1912–1913).

The numbers of Students who have completed their registration and paid fees up to December 31st, 1912, are as follows:—In the Faculties of Arts, Laws, Science, and Engineering, 1058, of whom 512 are new Students; in the Faculty of Medical Sciences, 136, of whom 60 are new Students. In the total number there is a decrease of 2 as compared with the corresponding date in 1911.

The College fees received to December 31st, 1912, are £14,194 8*s.* 0*d.* in the Faculties of Arts, Laws, Science, and Engineering, and £1,923 1*s.* 6*d.* in the Faculty of Medical Sciences; showing an increase of £194 14*s.* 6*d.* as compared with the corresponding date in 1911.

GENERAL FINANCES.

Financial Year 1911–12.

The Accounts for the year (1911–12) are printed at the end of this Report (see Appendix VII., p. 83).

College Establishment Account.

Income.—The Income of the College Establishment Account during the year 1911–12 was £55,656 17*s.* 8*d.*, being £8,777 17*s.* 0*d.* more than in the previous year.

The receipts from fees were £2,159 1*s.* 10*d.* larger than in the year 1910–11, in which there had been a decrease of £1,135 19*s.* 0*d.* as compared with the year 1909–10. The remainder of the increase in income is accounted for by the increase in the Treasury Grant and by the reception for the first time of a Board of Education Grant for Professional Education.

The Treasury Grant, being the share of University College in the "University Colleges Grant-in-Aid" made by Parliament and now administered by the Board of Education on the recommendation of an Advisory Committee, has been raised for five years from the 1st of April, 1911, from £11,000 to £16,000. The amount received during the year 1911–12 from this source was £17,250, of which £1,250 was in respect of the previous financial year.

The Board of Education Grant in respect of Technological and Professional work was made to the College for the first time in respect of the work done in the Session 1910–11. The amount of this Grant was £1,024 5*s.* 0*d.* A further Grant of £2,580 has been made for one year from the 1st of April, 1912, in respect of the work done in the Session 1911–12. One-third of the Grant of £2,580 was received during the financial year 1911–12, making up, with the £1,024 5*s.* 0*d.* already referred to, the total of £1,884 5*s.* 0*d.* shown in the Establishment Account.

Expenditure.—The Share of Fees paid out automatically increases with the increased receipts from Fees: a considerable portion of the increased payments under the head of share of fees is in respect of Intercollegiate Courses.

The working of the scheme for Intercollegiate Lectures is at present in an experimental stage. While undoubtedly advantageous from the educational point of view, it introduces an element of uncertainty into College finance.

Considerable increases in Expenditure are found under the head of General Expenses, due on the one hand to the growing work of the College, and, to a considerable extent, to the development of Public Lectures.

There was a deficit on the Refectory Account of £210; in consequence of this a further enquiry was held into the management of the Refectory, which has led to a complete re-organisation and the appointment of a new Steward.

The ordinary expenditure of the year amounted to £50,108 18*s.* 4*d.*

In accordance with the Resolution of the Senate, £3,061 10*s.* 9*d.* of the surplus was utilised to meet the deficits of the years 1909–10 and 1910–11, and £1,328 5*s.* 8*d.* in respect of the Re-arrangement and Re-equipment of Buildings, leaving a final balance on the year's working of £1,158 2*s.* 11*d.*

Hitherto, any surplus of Working Income over Working Expenditure, or any excess of Working Expenditure over Working Income, has year by year been added to or deducted from the College General Capital, as stated in the College Balance Sheet. Henceforth, the annual balance of the Income and Expenditure Account will be carried forward and will be transferred to a College General Income and Expenditure Account.

Grants.

The Grants from the Treasury, the Board of Education, the London County Council, and other bodies, are set out in full in the Accounts. The list of them (see Appendix II., p. 55) shows the extent to which the work of the College depends upon grants and upon the generosity of some of the great City Companies.

Subscriptions and Donations.

Subscriptions and Donations (see Appendix II., p. 55) amounted to £1,213 6*s.* 2*d.*, of which £1073 3*s.* 9*d.* was for special purposes.

The Current Financial Year. 1912–13.

In view, on the one hand, of the increased Grants which have already been referred to, and, on the other hand, of the increased Working Expenses necessitated by the growth of the College Buildings and the general development of its work, a full investigation into the financial position of the College was conducted in the course of the Session 1911–12. This investigation has led to important financial re-arrangements, which take effect during the current session.

Foremost among these re-arrangements stands that affecting the remuneration of Professors and Readers.

Previous to 1905, the remuneration of Professors whose Chairs were not endowed was normally by a share of the fees paid by their students varying with the total amount.

In 1905, when there was an increase of the Treasury Grant, a Scheme was adopted for substituting where possible a fixed stipend

for the larger part of the share of fees. The two Chemistry Chairs and the Chair of German were made altogether independent of fees out of a Grant made by the London County Council to the University. Other Chairs have since been made independent of fees by a fixed salary and several practically independent, by the guarantee of a minimum remuneration exceeding their fixed stipend and share of fees. Whenever a new Reader has been appointed his remuneration has been fixed. The fixing in 1905 of a maximum remuneration for whole time Chairs paid partly by a share of fees, the maximum being looked upon as also the desirable minimum to be reached as speedily as available funds (whether derived from fees, or other sources) would permit, has been an additional acknowledgment of the principle of fixed remuneration which has now been adopted for the College generally.

Although, therefore, the fixing of the salaries of Professors and Readers is not a new departure, but is only the natural development of a process of change upon which the College had already entered before its incorporation with the University, and which the University College Committee has since pursued with the approval of the Senate, it may perhaps be desirable to state the grounds upon which the principle of the remuneration of Professors and Readers by salary independent of fees, was originally adopted and upon which it has now been decided that it shall be carried, as far as possible, to its logical conclusion.

1. *Prima facie* the more elementary and popular the teaching, the larger the class and the greater the total of the fees. The higher and, it may be, from the academic point of view, the more valuable the work done by the Professor, the fewer the students and the smaller the earnings. Payment by share of fees may therefore be payment in inverse ratio to the academic value of the work done. And even when the work of two Chairs is equal in quantity, quality and value, one may receive by this method excessive remuneration and the other little or none. There is no essential connection between the value and the earnings of high academic work, apart from the fact that the earnings provide a fund, and it may be the only fund, available for the remuneration of the Professor.

2. Payment by a share of fees may prove a serious obstacle in the way of a redistribution of academic work which is educationally desirable, or may introduce into the determination of a student's curriculum financial considerations that ought to be absent. Proposals for the modification of courses of study or for transferring the teaching of any subject from one Professor to another are complicated, when their remuneration depends upon a share of fees, by the pecuniary interests of individuals which may render it difficult to consider the proposal from the point of view alone of the benefit of students and the advancement of learning.

3. The determination of the share of fees due to each Professor involves a large amount of administrative work, especially now that the composition fees, which in 1904–5 obtained only in the Faculties of Medicine and Engineering and the Indian School and amounted to less than £7,000, have been extended generally, and last year reached £17,500. The Inter-collegiate system of fees has also added largely to the labour of calculating the share of each Professor.

4. The time seems to have come when advantage should be taken of the increase of Grants to take another step towards the more general payment of the maximum remuneration (recognised as already said, as being also the desirable minimum) fixed in 1905 in the case of certain whole-time Chairs at £1,000 a year, and in case of other whole-time Chairs at £700 a year. As in many cases, these maxima cannot even now be reached, it would be premature to consider whether they should be raised. It is understood that the Parliamentary Grant will be reconsidered quinquennially and the London County Council Grants triennially. The University College Committee think that the periodical reconsideration of these Grants will be the natural opportunity for revising the salaries of Professors and Readers. with a view first to their attaining the present maxima, and later to the consideration of the sufficiency of the maxima. Very exceptional circumstances may, of course, be considered meantime as they arise.

The change to a fixed maximum remuneration has accordingly been made for all Professors and Readers who were prepared to accept the proposed change in the terms of their appointment. In making this change, it has been possible to increase the inadequate remuneration that was still given to the Heads of many Departments, but there are yet many Chairs, more particularly those in the Faculty of Laws and in the School of Oriental Languages, the salaries of which are quite insufficient. The same general principle of a fixed remuneration has been applied, as far as possible, to the salaries of Lecturers. The remuneration of Assistant Professors, Assistants and Demonstrators, and Departmental Grants for apparatus and service were likewise reconsidered and re-arranged to meet the new conditions.

In re-arranging the salaries of the academic staff, the College Committee had the benefit of the new endowment of £600 a year for the Chair of Electrical Engineering from the London County Council Grant made to the University.

In preparing their scheme, the College Committee assumed that the Grant of £500 a year made by the Chadwick Trustees for the development of the teaching of Municipal Engineering and Hygiene would be continued. The Chadwick Trustees however, have not continued the Grant for the year 1912–13, and it has consequently

been impossible to proceed with the appointment of a full-time Professor to the Chair of Municipal Engineering.

The steadily increasing work in the administration of the College, and in the College Libraries, necessitated additions to the administrative and library staffs, which will naturally involve additional expenditure.

The appointment of Sub-Deans to assist the Provost and the Deans in the supervision of the Students of the College, which was tried three years ago, has proved satisfactory, and has shown that the work undertaken by them meets a distinct want. In order to enable the present Sub-Deans to devote the whole of their time to the College and not, as hitherto, to teach partly in other Institutions, a re-arrangement of their duties and salaries has been made.

In planning these financial re-arrangements, and in making their estimates for the General Expenses of the College, the College Committee have considered the prospective needs of the next few years. As far as these are needs which should be met out of capital and not out of income, they are to be dealt with in a special Report, from which the friends of the College will see that considerable capital sums are required to enable the College to meet its pending engagements.

Although a balance of £1,158 2*s.* 11*d.* on the Establishment Account will be carried forward to the current year (1912–13) and although a balance of about the same amount may be looked for on the working of the current year, provided that the generous subscriptions and donations of last year are maintained, it is necessary to point out that these balances will be required, and a considerable yearly sum in addition to them, to meet the cost of the prospective maintenance of the new buildings, namely, the new Chemical Laboratories, the Sculpture Studios, the School of Architecture, and the Department of Applied Statistics (including the Galton Laboratory of Eugenics); and to these may now be added the cost of maintenance of the Great Hall in Gordon Square, of which the College will become possessed by the adaptation of the Church in Gordon Square, hitherto known as "All Saints," to which reference will be made in another section of this Report.

It will be remembered that the scheme of Re-arrangement and Re-equipment of College Buildings is not yet completed, and the following items in that scheme are still held over for want of funds:—

(1) The equipment of the Museum of Egyptology for the purpose of providing suitable accommodation for the collections made by Professor Flinders Petrie. (See p. 36.)

(2) The completion of the equipment of the Department of Geology.

(3) Additions to the equipment of the several Departments of Engineering.

(4) Erection of Galleries in the Science Library.

(5) The re-flooring and re-decoration of the North Cloisters and provision of new Students' Cloak Room.

(6) The re-flooring of the General Library, to be followed by re-decoration of the same and re-decoration of the Flaxman Gallery.

(7) Provision of Dressing-Rooms, Lavatories, and Bathrooms in connection with the Gymnasium.

For the funds needed for these improvements the College Committee are obliged to look to Grants from public bodies and Subscriptions and Donations from friends of the College.

In this connection, the Committee desire to call attention to the importance of maintaining and extending the list of annual subscriptions. Not only are such subscriptions a means of increasing the revenue of the College, but they serve a most important purpose in all applications to public bodies. The Government attaches great importance to the amount of local aid in making its grants.

THE COLLEGE COMMITTEE.

Sir Felix Schuster, who has rendered valuable services to the College since his appointment as Treasurer in 1907, finds himself unable to devote the necessary time to the work of the College, in view, more especially, of the increase in his work due to his appointment as a Member of the India Council. He has therefore intimated, to the great regret of the College Committee, a desire not to be re-elected for the ensuing year.

In view of the large number of Women Students in the College it appeared desirable to include a woman among the members of the College Committee. The Senate have, on the recommendation of the College Committee, elected Miss Margaret Gilliland, M.A., Fellow of the College and Head Mistress of Aske's Girls' School, Acton, to be the first woman Member of the College Committee for the year beginning March 1st, 1913.

TUTOR TO WOMEN STUDENTS.

After the sudden death of Miss Morison on February 8th, 1912, temporary arrangements were made for the continuation of her work. Miss Edith Goodyear, B.Sc., and other women members of the Academic Staff afforded valuable assistance in discharging the duties of the Lady Superintendent until the end of the Session 1911–12. During that time the Professorial Board, with the aid of

a special Committee, considered the whole matter, especially the changes that had taken place in the College organization since the institution of the office of Lady Superintendent in 1883. Having regard to these considerations, it was decided that the post should be filled by a woman of academic attainments and academic standing, who can take a position on the Academic Staff. The duties of the office were accordingly restated, and in place of the title which has hitherto been associated with the post, that of "Tutor to Women Students" was adopted. Under the new arrangements the office will be a full-time appointment. After considering the claims of many suitable candidates, the College Committee appointed Miss Winifred Smith, B.Sc., a former Student.

THE ROSA MORISON MEMORIAL.

A Committee has been formed by those associated with Miss Morison in her work at University College, Queen's College, and College Hall, Byng Place, together with personal friends of hers, to raise a Memorial as a tribute of the affection and respect in which they held her, and as a means of commemorating her work in connection with the Higher Education of Women. The President of the Committee is the Rt. Hon. Lord Reay, and the Treasurer is Lady Lockyer.

THE LATE LORD LISTER.

The death of the Right Honourable Lord Lister, Fellow of the College, which took place on Saturday, February 10th, 1912, was briefly recorded in the last Annual Report. The following letter of condolence was addressed to his nephew Dr. J. J. Lister by order of the College Committee and the Professorial Board:—

Dear Sir,

In the name of the Committee and Professorial Board of University College, we desire to express our deep regret at the death of the Right Hon. Lord Lister, O.M., formerly President of the Royal Society and Fellow of this College, and we tender our sincere sympathy to the members of his family for the loss that they have sustained.

We remember with pride that Lord Lister received his Medical Education within the walls of this College and of University College Hospital.

We wish to record our high appreciation of the supreme value of his labours in the field of Biological and Medical Science, as a result of which he was enabled to introduce improvements and methods which have reformed surgical practice, and have been of incalculable benefit to humanity by prolonging life and alleviating suffering.

We are, Yours very faithfully,

REAY,
Chairman of the College Committee.

T. GREGORY FOSTER,
Provost and Chairman of Professorial Board.

J. J. LISTER, Esq., F.R.S.

and the following reply was received:—

Merton House, Grantchester,
Cambridge.
24th February, 1912.

My Lord,

I have received the letter written in the name of the Committee and Professorial Board of University College which you and Mr. Gregory Foster have addressed to me.

Allow me to assure you on behalf of the relatives of the late Lord Lister that it is a source of deep satisfaction to us to receive this high tribute to his labours from his old College and Hospital, all the more because three of his nephews and the husband of one of his nieces have there received their medical education.

We desire to thank you most cordially for your letter and for the words of sympathy with ourselves contained in it.

Believe me to remain, Yours very faithfully,
J. J. Lister.

The College was represented at the public funeral service at Westminster Abbey by the Chairman, the Rt. Hon. Lord Reay, the Provost, Dr. T. Gregory Foster, the Dean of the Faculty of Medical Sciences, Prof. G. D. Thane, and the Vice-Dean, Prof. J. P. Hill.

In order to give expression to the desire to do honour to the late Lord Lister in the place where he received his University education, both in the Faculty of Arts and the Faculty of Medicine, a Committee representing University College and University College Hospital has been formed, of which the Duke of Bedford is the President, and Sir John Tweedy the Treasurer. It is proposed to place a suitable memorial to Lord Lister both in the College and in the Hospital. Donations are invited only from those who have been connected either with the College or with the Hospital. The subscriptions at the present date amount to little over £300. In order to provide a suitable memorial it will be necessary to raise a further sum of at least £200, and members of the College who have not already subscribed to this object are invited to send their subscriptions as soon as possible to Sir John Tweedy at the College. The form of the memorial will be determined at a meeting to which all subscribers will be invited.

DEATHS OF PERSONS CONNECTED WITH THE COLLEGE.

The College Committee record with regret the deaths of the following persons connected with the College :—

The Rev. A. J. Church (Professor of Latin 1880 to 1889; and Life Governor).
Prof. A. H. Keane (Professor of Hindustani 1883 to 1888).
The Rt. Hon. Sir Alfred Wills (Fellow and former Member of Council).
Mr. W. Brittain Jones (Fellow).
Mr. J. C. Butterworth (Governor).
Sir Julius Wernher (Benefactor).
Mr. W. C. Tegetmeier (a distinguished Former Student).
Dr. Edward Arber (Former Assistant Professor of English).
Colonel C. Wolseley Cox, J.P. (Life Governor and Hon. Assist. Sec. of the Equipment and Endowment Appeal).

REPRESENTATIVES.

The Senate have appointed the following Representatives of the University in respect of University College:—

The Provost (Dr. T. Gregory Foster) on the National Lister Memorial Committee.

Professor G. D. Thane as delegate to the Bicentenary Festival of the Medical School of Trinity College, Dublin, held in July 1912.

Professors Kenwood and Spearman as delegates to the Annual Conference of the Child Study Society held in May 1912.

Professor Sir William Ramsay as delegate to the Opening Ceremony of the Rice Institute of Liberal and Technical Learning, Houston, Texas, U.S.A., in October 1912.

Professor E. A. Gardner as delegate to the International Congress of Historical Studies, to be held in April 1913.

Professor H. R. Kenwood as delegate to the Congress of the Royal Sanitary Institute to be held at Exeter, July 1913.

The Provost, Dr. F. W. Goodbody, and Professor Cormack represent the College Committee on the Committee of Management of University College Hall, Ealing.

The Provost, Professor Pollard, and Professor Cushny (the last-named in respect of the Faculty of Medical Sciences) represent the College Committee on the London Intercollegiate Scholarships Board.

HONOURS AND APPOINTMENTS.

A. Former Students and other Persons connected with the College.

In the Birthday Honours List published in June last appeared the name of Sir David Brynmor Jones, K.C., M.P., a Former Student, who has become a member of His Majesty's Most Honourable Privy Council; of Mr. R. J. Godlee, who has received the honour of a Baronetcy; and of Prof. Prafulla Chandra Ray, Dr. E. Denison Ross, a former Professor of Persian, and Mr. T. W. Arnold, the present Professor of Arabic, all of whom have been appointed Companions of the Most Eminent Order of the Indian Empire.

Mr. T. McKinnon Wood, a Former Student, has become Secretary for Scotland, and a member of the Cabinet.

Dr. W. Blake Odgers, K.C., a Life Governor and Former Student, has been appointed Recorder of the City of Bristol.

At the Tercentenary Celebrations of the Faculty of Medicine in Dublin, at which Professor G. D. Thane represented the College, the Sc.D. Degree of that University was conferred upon Professor Thane, upon Professor Starling, and upon Sir William Osler, Bart., a Former Student; while the LL.D. Degree was conferred upon Sir Thomas Boor Crosby, a Former Student; and the M.D. Degree upon Emeritus Professor Sir Thomas Barlow, Bart., and upon Sir Rickman J. Godlee, Bart.

Professor A. F. Pollard has been invited to give the first Course of Goldwin Smith Lectures in English History at Cornell University.

Dr. N. T. M. Wilsmore, formerly Assistant Professor in the Department of Chemistry, has been elected to the Chair of Chemistry in the University of Western Australia: Dr. W. J. Dakin, Senior Assistant in the Department of Zoology, has been appointed to the Chair of Biology in the same University.

Mr. E. J. Salisbury, formerly Quain Student in Biology, has been appointed to a Lectureship in Botany at the East London College.

Mr. F. J. Tocher has been appointed Lecturer on Statistics and Biometry in the University of Aberdeen; and Mr. G. U. Yule, Lecturer on Statistics in the University of Cambridge.

Mr. G. F. Hill, Fellow, has been appointed to the Keepership of the Department of Coins and Medals at the British Museum.

Miss Agnes S. Paul, Fellow, has been appointed Headmistress of the Clapham High School.

Miss M. Berryman, Former Student, has succeeded Miss Paul as Head Mistress of Notting Hill High School for Girls.

Dr. A. T. Shearman, Fellow, and Dr. A. O. Rankine, Fellow and Assistant in the Department of Physics, have been appointed Matriculation Examiners of the University in their respective subjects, Logic and Physics, for the year 1912–13.

Mr. W. C. Clinton, Assistant Professor in the Department of Electrical Engineering, has been transferred from the Class of Associate Members to full Membership of the Institution of Electrical Engineers.

Mr. G. B. Dyke, Assistant in the Electrical Engineering Research Laboratory, has received an important appointment in the firm of Messrs. Siemens Bros., and has in consequence resigned his position at this College.

The following appointments have been obtained by Former Students of the Department of Chemistry:—Mr. A. D. Cowper, Lecturer in the University of Alberta, Canada; Mr. A. C. G. Egerton, Lecturer at the Royal Military Academy, Woolwich; Mr. J. E. Coates and Mr. F. P. Burt, Lecturers at the University of Birmingham.

Former Students of the Department of Hygiene and Public Health have obtained the following appointments:—Josephine L. D. Fairfield and A. W. Sykes, Medical Assistants in the Public Health Department of the London County Council; M. Russell and Jessie A. Scott, Temporary Medical Assistants in the same Department; E. D. Shroff, Medical Officer of Health, Karachi, India; J. S. Walker, Medical Officer of Health, Stoke-on-Trent Rural District Council; C. E. Lakin, Medical Officer of Health, West Berks Combined Sanitary Districts; L. J. Short, Medical Officer (Tuberculosis), Somerset County Council; A. N. Stevens, Medical Officer of Health, Great Yarmouth; F. G. Bushnell, Medical Officer (Tuberculosis), Essex County Council; H. P. Newsholme, Assistant Medical Officer of Health and School Medical Officer, Southend; A. D. Cowburn, Deputy-Coroner, Western District of London; Kenneth Fraser, Assistant Medical Officer of Health to the Cumberland County Council; Thomas Rhind, Medical Officer of Health to the South-West Gloucester Combined Sanitary Districts; M. Dick, Medical Officer of Health, Department of Public Health, New South Wales.

The following appointments have been obtained by former Engineering Students:—Mr. W. P. Fanghaenal, Supervisor, Woolwich

Arsenal; Mr. E. B. Maitland, Assistant Engineer to the London County Council; and Mr. C. S. Brown, Assistant Engineer, Rhodesian Railways.

Dr. James A. Gunn, a Former Student of the Department of Pharmacology, has been appointed the First Reader in that subject in the University of Oxford.

Miss Gladys M. Broughton has been appointed Inspectress of Schools in the Central Provinces of India.

Dr. D. Heron, Galton Fellow, has been awarded the Weldon Memorial Prize of the University of Oxford.

Mr. U. Y. Hsu, Jevons Memorial Scholar, is doing important work in China. He was first appointed Head of the Public Loans Department; afterwards, Assistant Director of the Board of Finance and, following on the Revolution, Chief Auditor of the Chinese Government in connection with the supervision of the expenditure of the proceeds from the advances. Mr. Hsu also took a leading part in Loan Negotiations with the Six Powers Group, adopting (in his own words) a "give and take policy," which resulted in entire success.

Mr. J. W. Salmond, K.C., Fellow of the College, Solicitor-General for New Zealand, has received from Harvard University the Ames Medal for his works on Jurisprudence and Torts. The only other recipients of this honour have been Professor Wigmore, of North-Western University, and the late Professor F. W. Maitland.

Mr. G. F. Forsey has been appointed to a Lectureship in Latin at Goldsmith's College.

The following are further teaching appointments that have been obtained by Former Students:—Miss Gertrude M. Brierley, English Mistress at the Ryhope Secondary School; Miss Hilda Fowlds, Junior Mistress at the Palmer's Grays School, Essex; Miss M. Hammond, English Mistress at Heathfield School, Ascot; Miss Margaret Körner, German Mistress at Barr's Hill Secondary School, Coventry; Mr. W. Nicholas, Form Master at the Edinburgh Academy; Mr. F. W. H. Street, Science Master at Pannal Ash College, Harrogate; and Miss Eunice M. Turner, Teacher at Altrincham High School for Girls.

Mr. H. J. Page has been awarded an 1851 Exhibition Research Scholarship: the 1851 Research Exhibition awarded to Mr. G. E. Bairsto has been renewed for a second year.

Mr. R. M. Clark has been awarded an 1851 Exhibition Industrial Bursary.

B. Present Students.

University Honours.

Degree or Distinction.	Subject.	Name of successful candidate from University College.	Class.
D.Lit.	Classics	Rider, Bertha C.	
	English	Chambers, R. W.	
	History	Firth, Catherine B.	
M.A.	Classics ..... (Scholarship & Literature)	Castello, D.	
		Forsey, G. F.	
		Hirst, Miriam.	
	(Ancient Philosophy)	Gadsdon, Mabel E.	
	(Classical Archæology)	Wheeler, R. E. M.	
	English	Hammond, Margaret.	
	French	Richards, S. A.	
		Smitherman, H.	
		Thomas, P. V.	
	German	Capell, Agnes, M.	
		Collinson, W. E.	Special distinction
		Körner, Margaret A. A.	,, ,,
	History	Bigby, Dorothy A.	
	Mathematics...	Jackson, F.	
B.A.	Architecture...	Barrowcliff, A. M.	II
	English	Allford, Minnie	III
		Baker, G. J. M.	II
		Bedford, Mabel L.	III
		Brierley, Gertrude	III
		Butler, Ruth	III
		Durling, E.	II
		Elderton, Doris T.	III
		Emson, E.	I
		Goffin, R. C.	III
		Hellings, Adelaide B. ...	II
		Hill, Evelyn C.	III
		Jabavu, D.	III
		Johnson, B. H. A.	III
		Marcoutsis, J. N.	II
		Pearce, F. G.	III
		Randall, A. W. G.	II
		Strang, W.	I
		Talbot, Dorothy M.	III
		Turner, Eunice M.	I
	French	Fleet, Alice M.	II
		Halket, Elizabeth C.....	I
		Hurd, Marguerite N. ...	II
		Thomas, E. R.	III

Degree or Distinction.	Subject.	Name of successful candidates from University College.	Class.
B.A. (*con.*) ...	German	Cohen, A. E.	II
		Millar, G. D.	II
	History	Buckby, Dorothy H.	II
		Fowlds, Hilda	II
		Jones, J. L.	III
		Markham, L. G.	II
		Newton, Grace M.	II
		Nicholas, W.	III
		Nussbaum, N. P.	II
		Picknett, Dorothy	II
		Wechsler, Sarah	I
		White, Kathleen	III
		Whyte, J. D.	II
	Mathematics...	Phillips, P. M.	III
	Modern Languages.	Kenney, E. H.	III
	Philosophy ...	Delo-Dosumu, A. O.	III
		Griffiths, R.	I
D.Sc.	Applied Statistics.	Snow, E. C.	
	Botany	Delf, Ellen M.	
	Chemistry	Watson, H. E.	
	Physiology ...	Bolton, J. S.	
	Psychology ...	Aveling, F. A. P.	
	Statistics	Heron, D.	
	Zoology	O'Donoghue, C. H.	
B.Sc.	Botany	Kilner, Freda M.	II
		Magner, Catherine M. ...	III
		Miles, Ivy M.	II
		Piper, Gladys E. McK....	II
	Chemistry.....	Cunnington, F. W. B. ..	III
		Davies, J. T.	III
		Elworthy, R. T.	III
		Green, J. R.	III
		Knapman, P. G.	I
		Lefebure, V.	II
		Pearson, J. A.	III
		Stephenson, J.	III
		Thornbery, H. T.	III
	Mathematics...	Baker, B. B.	II
		Benke, L. L.	II
		Gohar, M. S.	I
		Hosny, M.	II
		Lunnon, R. G.	I
		Perera, H. V.	I
	Physics	Church, A. G.	III
		Jeffrey, G. B.	I
		Lester, B. C.	II
		Street, F. W. H.	III

Degree or Distinction.	Subject.	Name of successful candidates from University College.	Class.
B.Sc. (*con.*) ...	Zoology	Hett, Mary L.	I
		Macgregor, P. F.	I
		Parker, Katherine M. ...	I
B.Sc. (By Research).	Botany	Kisch, Mabel H.	
B.Sc. (Economics).	Economics ...	Paddison, Elsie, B.A. ...	II
B.Sc. (Engineering).	Engineering ...	Bate, E. E. H.	I
		Clark, R. M.	I
		Cousin, A. N.	I
		Lloyd-Evans, B. J.	I
		Zemin, R. J.	II
LL.B.	.....	Armstrong, R. G.	II
		Cheng, F. T.	II
		Gallop, C.	I(Scholarship)
		Holland, B. T.	I
		McGuirk, M.	III
		Ormsby, A. S. A.	II
University Scholarships	English	Groom, B.	
	Geology	Earle, K. W.	
	German.....	Millar, G. D.	
	Mathematics...	Ince, G. H.	
University Exhibitions	Group I. (Languages)	Kohn, Hertha.	
		Scott, R. M.	
	Group II. (Mathematics)	Avery, C. H.	
George Smith Studentship.	English	Whitaker, S. P. (Strang, W.: *Proxime accessit.*)	
Gilchrist Studentship.	Modern Languages.	Stone, Louise W.	
Sir George Jessel Studentship.	Mathematics...	Jeffery, G. B.	
Ouseley Memorial Scholarship.	Persian.....	Evans, L. G. L.	

University Pass Degrees.

B.A. :—Cartwright, B.; Cooper, Ethel C. L.; Drake, F. S.; Housden, Barbara; James, H.; Ramsey, Alice S.; Sunley, Alice M.; Turner, Mary; White, Nora S. S.

B.Sc. :—Davin, Adelaide G.; Drakeley, T. J.; East, F. W.; Hamilton, E. R.; Heatly, H. F.; Jenkins, J. C.; Lamb, C. W.; Langdon, Edith; Lee, N. E.; Pidoux, Kezia C.; Rand, Ethel A.; Ray, F. M.; Side, Gladys A.; Tingey, Muriel K.; Toy, H. S.; Vincent, P. C; Williams, Muriel B.

B.Sc. (Engineering) :—Brodie, E. D.; Davies, T.; Fagan, C. F. F.; Gollancz, R. S.; Loomba, K. L.; Malik, J. S.; Phillimore, J. P.; Taylor, C. R.

LL.B.:—Bannerman, H. S.; Bramall, C. A.; Chan, S. Y.; Khoo, H. K.: Koh, L. Y.; Loughnane, N. G.

Higher Civil Service.

The following passed the Final Examination for the Civil Service of India and have proceeded to the Provinces named :—

Name.	*Final Examination.*	*Province.*
Stewart, T. A.	5th place.	Upper Bengal.
Hood, J. R.	9th „	Bombay.
Searle, H. F.	10th „	Burma.
Gidney, C. H.	16th „	Upper Bengal.
Evans, L. G. L.	17th „	Bengal.
Pringle, J. M.	26th „ (eq.)	Eastern Bengal and Assam.
Arndt, L. H.	31st „	Madras.
Russell, T. B.	37th „	Madras.
Freke, C. G.	40th „	Bombay.
Lawrence, J. T.	45th „	Bombay.
Nixon, J. C.	46th „	Eastern Bengal and Assam.
Evans, G. A.	47th „	Bengal.
Skrine, C. P.	50th „	Upper Bengal.

Diplomas and Certificates.

The following obtained Engineering Diplomas :—

Acham, R. (Civil & Municipal); Bate, E. E. H. (Civil & Municipal; Bauer, K. (Mechanical); Cousin, A. N. (Mechanical, with distinction); Fagan, C. F. F. (Civil & Municipal); Gimson, A. F. (Civil & Municipal); Karageorgieff, M. (Civil); Knight, R. E. (Electrical); Lloyd-Evans, B. J. (Mechanical, with distinction); Loomba, K. L. (Civil & Municipal); Malik, J. S. (Civil); Powis, L. J. (Civil & Municipal); Zemin, R. J. (Civil & Municipal).

The following obtained Certificates in Architecture :—

Barrowcliff, A. M.; Gaunt, O.

The following obtained the Diploma in Public Health :—

University of Cambridge.—Arora, A. B.; Baillie, S. A.; Evans, T.; Knight, Elizabeth; MacMillan, J.; Mahtré, R. K.; Short, L. J.

Royal College of Physicians and Surgeons, London.—Blaker, P. S.; Carrick, J.; Collins, F. G.; Cooke, F. G. H.; Dupont, G. H.; Fairfield, Josephine L. D.; Fairlie, W. H. J.; Guinness, E. W. N.; McLeay, W.; Mascarenhas, J. V.; Mitra, M. N.; Pearce, T. M.; Pollard, J. McF. W.; Quin, H. C. E.; Schwabe, D. L.; Scott, Jessie A.; Thompson, G. W.; Thompson, J.; Watkin, A. C.

Officers Training Corps.

Commissions in Special Reserve :—

(1) Hills, H. W. (C Sect. Med. to R.A.M.C.).
(2) Hudleston, L. J. (A Coy. Inf. to 5th Bn. Middlesex Regt.).

Commissions in the Territorial Force :—

(1) Cooper, W. H. (D Coy. Inf. to 4th Bn. Gordon Highlanders)
(2) Anscombe, A. W. (A Coy. Inf. to King's School, Warwick O.T.C.).
(3) Bishop, C. B. J. (Artillery to Unattached List [University Candidates]).

Commission in the General Reserve :—

Bailey, C. R. (Infantry A Coy. to Infantry G.R.).

Certificate A.

Artillery :—Gaunt, O.; Krohn, V. R.

A Coy. Infantry :—Cooper, H.; East, F. W.; Harley, A. D.; Hill, G. T. R.; Hutchinson, G. L.; Ince, G. H.; King, F. W.; Lamb, C. W.; Lee, N. E.; Leech, S. J. J.; McAra, A. B.; Nye, J. A.; Taylor, W. F.; Whitmore, R. D.

D Coy. Infantry :—Bate, E. E. H.; Davis, G.; Gibson, W. H.; Gilbert, L. F.; Huckstep, H. G.; Inkpen, G. T.; King, J. L.; Lancaster, J. T.; Lester, B. C.; Nobbs, H.; Smith, A. J.; Smith, S. W.; Storey, H. E.

C Section Med. :—Binning, J. A.; Eades, R. O.; Fagan, R. F.; Haines, G. H.; Hudson, W. E.; Malkin, S. A. S.; Stowers, R.; Wilson, A.

Certificate B.

Artillery :—None.

A Coy. Infantry :—Benké, L. L.; Clark, R. M.; Despicht, L. T.; Renwick, H.

D Coy. Infantry :—Bate, E. E. H.; Hewett, A. F.; Phillimore, J. P.; Piper, B. W. F.; Reed, D. B.

C Section Med. :—Clausen, R. J.; d'Avray, A. D.; Eades, R. O.; Hills, H. W.

British Institution Scholarship.

C. U. Gill.

Council of Legal Education's Studentship (£100 for 3 years).

C. Gallop.

Scholarships and other Distinctions Awarded in the College.

A. *FACULTIES OF ARTS, LAWS, SCIENCE AND ENGINEERING.*

Andrews Entrance Scholarships (£30) :—

Classics :—Edith M. Raynor of Kensington High School.

Modern Languages and History :—Beatrice S. Schlumberger of Sydenham High School.

Science :—A. A. Robinson of St. Paul's School.

Andrews Scholarships for Students of one year's standing (£30):—
Classics :—A. A. Smith.
Mathematics and Science :—J. L. Lizius.
Modern Languages and History :—Hertha Kohn.

Benington Memorial Studentship in Anthropometry and Craniology :—Kathleen V. Ryley.

Campbell Clarke Entrance Scholarship in English (about £40 a year tenable for three years) :—B. Groom of Stationers' Company's School.

Chadwick Scholarship and Gold Medal in Municipal Engineering (£100) :—E. H. Bate ; *proxime accessit*, K. L. Loomba (Silver medal).

Derby Scholarship in Zoology :—
Katharine M. Parker, G. S. Sansom } *equal* £30 *each for two years.*

Donaldson Medal in Architecture :—O. Gaunt.

Fielden Research Scholarship in German (£50) :—H. N. Fryer.

Carey Foster Research Prize in Physics :—B. A. Keen, B.Sc.

Goodall Art Scholarship (about £20 a year for three years) :—W. S. Hutton.

Archibald P. Head Memorial Medal and Prize in Mechanical Engineering :—B. J. Lloyd-Evans.

Hollier Scholarships (£60) :—
Greek :—Doris H. Swinburn.
Hebrew :—S. Gross, J. Leveen } *equal* £30 *each.*

John Oliver Hobbes Memorial Scholarship in Modern English Literature :—W. Strang, S. P. Whitaker, *equal.*

Jevons Studentship in Political Economy :—U. Y. Hsu.

Jews' Commemoration Scholarship (£15 per annum for two years) :—F. P. Evans.

Bunnell Lewis Prizes in Latin Verse :—G. F. Forsey, B.A., A. A. Smith.

Lloyd Scholarship in Political Economy :—H. Cooper, B.A.

Malden Medal and Scholarship (£20) :—R. M. Scott.

Mayer de Rothschild Scholarship in Pure Mathematics (£42) :—B. B. Baker, B.Sc., H. V. Perera, *equal.*

Melvill Nettleship Prize for Figure Composition :—S. Spencer.

Morley Medal in English :—W. Strang.

Physics Research Studentships :—£60, W. B. Haines; £40, F. Simeon.

Quain Studentships :—English (£150 per annum) :—Gerald Gould, B.A.; Biology (£100 per annum) :—Sarah M. Baker, B.Sc.

Ricardo Scholarship in Political Economy (£60) :—Gladys M. Broughton, M.A.

Hester Rothschild Prize in Hebrew and Aramaic (£20) :—W. Hirshowitz.

L. M. Rothschild Prize in French :—
Elizabeth C. Halket, B.A., } *equal* £10 *each.*
Marion R. Nation, B.A., }

Saint Pancras Scholarship :—Dorothy R. Measures.

Science Scholarship awarded by H.M. Commissioners for the Exhibition of 1851 :—H. J. Page, B.Sc.

Slade Fine Art Scholarships (£35 per annum for two years) :—Dora Carrington, W. P. Roberts.

Tuffnell Scholarship in Chemistry (£80 per annum for two years) :—G. N. White.

Ellen Watson Scholarship in Applied Mathematics (£15) :—H. V. Perera.

West Entrance Scholarship in English and English History (£30) :—Edith C. Batho of Highbury Hill High School.

B. *FACULTY OF MEDICAL SCIENCES.*

Sharpey Physiological Scholarship (£105 per annum) :—C. Lovatt Evans, B.Sc.

Medical Entrance Exhibitions and Scholarships :—

Bucknill Scholarship (£141 15*s.*) :—C. F. C. Cooke of the Derby Technical College.

Medical Entrance Exhibitions (£57 15*s.* each) :—E. Sakoschansky of University College, Nottingham, T. M. Cunnington of University College School.

SUMMARY OF RESULTS OF UNIVERSITY EXAMINATIONS.

January 1st to December 31st, 1912.

Examination.	No. passed from University College.	No. from Univ. Coll. in Honours.
*Inter. Arts	46	
*Inter. Sci.	52	
*Inter. Sci. (Engineering)	19	
*Inter. Laws	6	
‡First Exam. Med. Deg.	17	
§Second Exam. Med. Deg. Pt. I.	17	
‖Second Exam. Med. Deg. Pt II.	15	
B.A.	50	41
B.Sc.	44	27
B.Sc. (Engineering)	13	5
B.Sc. (Economics)	1	1
LL.B.	12	6
†M.B., B.S.	14	2
M.A.		14
D.Lit.		3
D.Sc.		7
†M.D.		12
†M.S.		1

* There are now no Honours at the Intermediate stage for Internal Students.

† The work for the final stage of these degrees was done at University College Hospital Medical School.

‡ Formerly Prel. Sci. (M.B.) Pt. I. § Formerly Prel. Sci. Pt. II.

‖ Formerly Inter. Med.

DEVELOPMENT OF THE COLLEGE BUILDINGS.

New Chemical Laboratories.

In addition to several smaller donations, the Chemistry Appeal Committee record the following further munificent gifts:—£1,000 from the Worshipful Company of Goldsmiths, and a further £1,000 from A Friend of Sir William Ramsay, who had already given the generous gift of £5,000. The sums promised and paid, together with interest on deposits and rents, amounted in July to upwards of £38,000.

The Senate accordingly gave authority for the acceptance of Messrs. Dove's tender for the erection of the fabric at a cost of £39,000. The fabric is now in course of erection under this

tender. Provision for Heating, Lighting, Ventilating, Fittings and Equipment is not included in the tender. The Chemistry Building Committee are preparing a report on these matters.

A considerable sum, about £28,000, will be required to complete the Chemical Laboratories. It is earnestly hoped that the necessary amount will be speedily forthcoming, so that the completion of the scheme and the opening of the Laboratories may not be delayed.

Architecture, Sculpture and North-west Front of the College.

A full record of the generous offer of the Anonymous Donor of £30,000 was given in the last Report. A re-statement of that offer was made in December last in the following letter addressed to Lord Reay :—

December 9th, 1912.

My Lord,

I understand that it would be of assistance to the University if the offer I made through the Chancellor in November, 1911 were re-stated in a form that will enable the Senate to know the extent of the buildings that can be provided out of the gift that I have had the honour to make for the benefit of University Education in London.

Since my offer was accepted by the Senate, detailed Plans have been approved for the School of Architecture and the buildings for that School are now in progress ; the Plans for the remainder of the Gower Street Elevation to University College have also been generally approved, and the Sketch Plans for the remainder of the North-west Wing have been submitted to me. Omitting the Pavilion at the South end, these Plans provide for a building suitable for the Department of Applied Statistics, including the Galton Laboratory, such building to adjoin the School of Architecture.

The cost of the buildings as planned will be in excess of the offer that I have made. But on condition (*a*) That a sum of Three Thousand Pounds can be provided towards the additional cost, (*b*) That the buildings are carried out in general conformity with the plans already submitted, and on the understanding that I cannot at this stage, or until further information is forthcoming, commit myself to provide all the fitments and fixtures that may be required, I am prepared to re-state my offer in the following form :—

(*a*) To erect and to provide the costs incidental to erecting in accordance with the Plans already submitted and approved the building for the School of Architecture now in progress.

(*b*) To erect aud to provide the costs incidental to erecting the proposed new Sculpture Studios and to make the necessary alterations to link up the existing buildings with them.

(*c*) To erect and to provide the costs incidental to erecting the remainder of the North-west Wing, except the Pavilion at the southern end thereof, such building to be used for the Department of Applied Statistics, including the Galton Laboratory, if the Senate so desire. Should the Senate decide to utilise the building for some other Department or Departments, I shall not object, provided the cost of the building is not materially increased and the Plans are first submitted to me.

I make this proposal in the hope that it will further the purposes of the University and that at an early date it will be possible for the University to complete the Gower Street frontage to University College, which has been so skilfully planned by Professor Simpson.

I have the honour to be

Your Lordship's obedient Servant.

( ).

To the Right Hon. Lord Reay, K.T., G.C.S.I.

The Senate at their meeting on December 13th resolved:—

> That the Senate desire to express to the generous benefactor, whose letter of December 9th, 1912, re-stating his offer with respect to the erection of buildings at University College has been communicated to them through Lord Reay, their cordial appreciation of his generosity and of the benefit that he is conferring upon University Education and Research in London.

It is expected that the Building for the Combined School of Architecture provided for under this benefaction has been begun; and it is expected that it will be completed so that the new scheme for the combination of the two Schools may be given effect to at the opening of next Session.

Pharmacology Institute.

The second section of the projected Institute of Medical Sciences, for which funds were provided by Mr. Andrew Carnegie, has now been completed, and the Department of Pharmacology began work in its new home in October. The opening ceremony was performed by Professor Sir Thomas Barlow, Bart. (President of the Royal College of Physicians), on December 4th, 1912. The Chair was taken by the President of the College Committee, the Rt. Hon. Lord Reay, who gave an account of the plan for the development of the buildings of the College that was worked out between the years 1905 and 1907, pending the incorporation of the College in the University. Lord Reay stated that he was permitted for the first time to make known that Mr. Gwynne Evans was the generous benefactor who gave £50,000, and who had hitherto desired to remain anonymous. The name of Mr. Gwynne Evans would hold a high place among the benefactors of the College and of University Education in London. Lord Reay concluded by presenting the Architect (Professor F. M. Simpson) to Sir Thomas Barlow. In the course of an interesting address, Sir Thomas referred to the conditions under which Pharmacology was studied thirty years ago, and pointed out the wonderful heritage into which present-day students had come. Medical men were the first to admit that the employment of their most valuable drugs had been for a long time empirical. Rational empiricism consisted in the close observation of disease in all its phases, and the use of methods of treatment the *modus operandi* of which they could not explain, but which carefully-recorded experience had shown to be followed by improvement in definite morbid states. The rational empiric was under no delusions. He was not only alive to the natural tendencies in the body to repair, but also to the limitations of his remedies and to the possible

harm which under some conditions they might induce. That was where the pharmacological laboratory came in.

The Vice-Chancellor (Dr. W. P. Herringham) in proposing a vote of thanks to Mr. Andrew Carnegie for his generosity in providing the funds necessary for the building, argued that there could be no better investment than the endowment of learning. It cheapened the cost of learned men and reduced their cost when produced. While learned men were a profitable expense, yet they were very expensive. An individual labourer cost about £200 to produce, but a medical man cost about £2,500, and would cost very much more were it not for the beneficence of such men as Mr. Carnegie.

Professor Cushny, in seconding the vote of thanks to Mr. Carnegie, explained the objects of pharmacology, which he would prefer to call experimental therapeutics. Medicine was annually enriched with new remedies; new drugs were brought over, examined physically and chemically, and then tested as mercifully as possible on animals. After months of study of a drug, one began to wonder whether it could be applied to man. The medical profession was coming to recognise that the whole hope for its future lay in experimental investigation, and he was full of hope that the services of science to medicine in the future would even be more brilliant than they had been in the past.

The following Resolution was then unanimously adopted:

> "That this meeting of Members of the Senate and Graduates of the University of London, of Members of the Academic Staff and Students of University College, and of others interested in the promotion of University Learning and Research, desires to record its grateful thanks to Mr. Andrew Carnegie for his generosity in providing the funds for the building of the new Pharmacology Laboratories at University of London, University College."

The proceedings terminated after the Principal (Sir Henry Miers) and the Dean of the College Faculty of Medical Sciences (Professor G. D. Thane) had proposed and seconded, and the meeting had unanimously adopted, a vote of thanks to Sir Thomas Barlow.

South Cloisters.

The generous gift of Mr. and Mrs. Walter Baily, recorded in the last Report, has rendered possible the carrying out of a scheme for the re-decoration and improvement of the South Cloisters, including the provision of a much-needed Men Students' Cloak Room, an improved Telephone Room, and more convenient access to the Botanical Theatre and the Council Room. The scheme, as executed, provides a dignified and lasting memorial to the long and happy connection of Mr. and Mrs. Walter Baily with the College.

Acquisition of All Saints Church.

The site of All Saints Church, Gordon Square, the west wall of which adjoins the Carey Foster Laboratory, has been acquired from the Trustees of the Bedford Estate. It appeared desirable to seize this opportunity of extending the College site and of providing a Great Hall for examinations and for ceremonial occasions. The

Senate sanctioned the purchase at a cost of £5,900, which, together with the incidental legal expenses amounting to £185, has been temporarily provided from current income, pending the provision of the necessary sum. The Ecclesiastical Commissioners have approved the scheme prepared by Professor Simpson for the reconstruction ("demolition") of the existing Church building. Under this scheme the old building will be so altered as to provide a Hall capable of accommodating 1100 persons. The purchase of the site and the cost incidental thereto, together with the expenses of reconstruction and re-fitting will involve an expenditure of £10,000; it is desirable to provide an organ in addition to the ordinary fittings at a cost of £2,000 making the total cost £12,000.

OTHER BENEFACTIONS AND DONATIONS.

The College Committee have to record the following further Benefactions, for which they make grateful ackowledgment:—

Under the Will of the late Miss Rosa Morison (Lady Superintendent of Women Students, 1883–1912), the College received the following valuable Bequests: "(*a*) £2,000 to found a Scholarship for Women in the Faculty of Arts in German, to be called 'The Eleanor Grove Scholarship'; (*b*) £2,000 to found a Scholarship for Women in the Faculty of Arts in English Language and Literature, to be called 'The Rosa Morison Scholarship'"; (*c*) one-third part of the net residue of her estate for use in connection with the Faculty of Arts for such purposes as her executors and trustees shall think fit. The College share in the net residue is estimated at £7,000, the income of which it has been resolved to utilise as follows:—(i) for the endowment of an Entrance Scholarship to the Faculty of Arts, of the value of £30 a year, tenable subject to satisfactory progress for three years; (ii) towards the endowment of the Teaching of Italian.

Mr. Thomas Douglas Murray, a Former Student, has bequeathed to the College the sum of £200, the interest of which is to be applied to the foundation of a "Douglas Murray [Travelling] Scholarship" in connection with the Department of Egyptology.

The College also benefits under the Will of Mr. William Brittain Jones, Fellow, to the extent of one equal half part of the ultimate residuary estate (approximately estimated at £2,500), the realisation of part of the Bequest being dependent on the determination of the life interest of two relatives.

The London County Council have made a further Grant of £300 in support of the Course in Heating and Ventilating Engineering.

The Worshipful Company of Drapers have continued their generous support of the work carried on in the Biometric Laboratory under the direction of Professor Karl Pearson.

The Worshipful Company of Carpenters have renewed their Grant of £250 for the School of Architecture. A portion of it has been again allocated to the provision of a Public Course of Lectures on the History of Architecture, and another portion to the provision of of a Travelling Studentship.

The Chadwick Trustees continued their Grant of £500 for the work of the Departments of Municipal Engineering and of Hygiene in the Session 1911–12; also provision for the Chadwick Scholarship and

Medal. For the Session 1912–13, they have renewed their Grant for the Chadwick Scholarship and Medal only.

The Crabb Robinson Trustees have again shown their interest in the support of the social and athletic life of the Students of the College by making Grants amounting to £175 for various Students' purposes, of which £125 was for the Athletic Grounds.

Mrs. and Miss Finzi have presented to the Zoological Museum the valuable Collection of British Lepidoptera made by the late Mr. John A. Finzi.

An Anonymous Friend of the College has offered, through Professor Ker, to make up the Income of the Celtic Fund for the current year from £20 to £150. This generosity has made it possible to invite Professor Kuno Meyer, of the University of Berlin, to undertake Courses in Celtic Languages and Literatures during the present Term.

Mr. J. Rose-Innes has continued to show his interest in the College, and more particularly in the Department of Physics, by making two further donations of £15 each for use in connection with the Joule-Thomson apparatus previously presented by him.

A Member of the College has contributed £20 to enable each of the winners of the John Oliver Hobbes Scholarship to receive the full amount of the Scholarship.

Professor Sir John Macdonell has given £10 to the College Libraries, being the amount of the Professor's Prize in International Law, for which there was no eligible candidate.

Professor Spearman has made a donation of £10 for the benefit of the Psychological Laboratory.

Professor Thane contributed £5 for the payment of an Assistant Demonstrator in Anatomy during the last Easter Vacation.

Mrs. M. V. Russell has contributed £15 for the promotion of the study of Palæophytology.

Mr. N. Eumorfopoulos has given £5 15s. to cover the cost of rotographing a German Manuscript.

Dr. A. D. Waller has presented a Photograph of the late Professor Augustus de Morgan; and Mrs. Guy Brunton has presented to the Edwards Library a Portrait of Professor Petrie, painted by herself.

Mr. R. H. Solly has presented to the Geological Museum a Collection of Minerals from the Binnenthal, Switzerland.

An anonymous friend of the College again gave £50 for the continuance of the Page May Memorial Lectures.

Mr. H. Frank Tayler, a Former Student, has presented a Share Certificate in University College, London, which had been the property of his late Great-Uncle, Mr. John Butterworth, a former Governor; and Mr. H. Grueber has presented a Share Certificate formerly belonging to Sir Antonio Panizzi.

The benefactions to the Libraries, including the Mocatta Library, will be found in another section of this Report.

A complete list of pecuniary grants made to the College during the year is given in Appendix II., p. 55. The Committee desire to express the obligations of the College to the Bodies making these Grants.

PROFESSOR PETRIE'S COLLECTION OF EGYPTIAN ANTIQUITIES.

The Edwards Professorship of Egyptology was founded in 1892 by a bequest from Miss A. B. Edwards, who also bequeathed to the College her Collection of Egyptian Antiquities. Since that date the Chair has been occupied by Professor Flinders Petrie, who has generously placed his own private collections, of extraordinary interest and value, at the service of his students, the College finding space and cases for their arrangement and display. In 1907 Professor Petrie offered them to the College substantially at cost price, the partial interest charged upon his cash payments representing only a small return for their use for many years, and but a fraction of their growth in value.

The following extracts are taken from Professor Petrie's letter to the Provost, of October 7th, 1907, making the offer:—

> "During the past twenty-five years I have had opportunities of purchasing antiquities in Egypt, owing to living among the people and owing to understanding the age and meaning of much that is outside the ordinary line. I have always bought unusual things rather than those which can be commonly obtained; hence the collection is largely supplementary to the national collection, and consists of objects for study rather than for popular show. . . . The value of antiquities has risen very greatly . . . the original purchases were all at low prices, owing to knowing the dealers and the country well."

By the generosity of Professor Petrie the sum required for the purchase of this invaluable collection, including additions made to the collection during the pendency of the offer, is £5,985, towards which sum Mr. Robert Mond has promised £1,000 and Mr. Charles Hawksley, a member of the College Committee, £200; leaving £4,785 to be provided before the close of the current session in June, 1913, in order to enable the College to take advantage of the option given to them to purchase it at the figure named.

The Collection, as now arranged, can be seen at the College at any time by appointment with the Provost or with the Professor. Mr. Robert Mond, a high authority, writing on December 12th, 1912, describes it in these terms:—

> "Professor Petrie's Collection is one of the most important archæological, educational and scientific tools that I know of, and it is of very great importance that it should not be dispersed."

The acquisition of the Collection is essential to the continuance of the School of Egyptology founded by Professor Petrie at the College, with its field work in Egypt, and no fitter Memorial could be suggested of the great work he has done, and is continuing to do, in this branch of Archæology.

Subscriptions towards the balance of £4,785 required are therefore invited, in order that the option generously offered by Professor Petrie may not be lost.

CHANGES AND RE-APPOINTMENTS IN THE TEACHING STAFF.

FACULTY OF ARTS.

1. Professor Frederick Brown has been re-appointed Slade Professor of Fine Art for a further period of three years, with the title of University Professor.

2. Dr. L. N. G. Filon, formerly Assistant Professor in the Department of Pure Mathematics, has been appointed Goldsmid Professor of Applied Mathematics and Mechanics, in succession to Professor Karl Pearson, who resigned the Chair on his appointment as Galton Professor of Eugenics.

3. Dr. A. N. Whitehead, who was appointed Lecturer in Applied Mathematics to Students in the Faculty of Science during the vacancy in that Chair last Session, has now been appointed to the newly-instituted Readership in Geometry in the Department of Pure Mathematics.

4. Owing to ill-health, Professor J. F. Blumhardt has found it necessary to resign the Chair of Hindustani and the Readership in Bengali and Hindi. The resignation does not take effect until the end of the current Session, but, as Professor Blumhardt's health does not permit of his carrying on the work at the present time, Mr. C. P. Caspersz and Mr. C. D. Steel are acting as his Deputies.

5. Professor E. A. Gardner has been re-appointed Yates Lecturer in Archæology for the Session 1912–13.

6. Professor Gardner was also re-appointed Censor of Higher Civil Service Studies for the Session, but has since resigned that office, Mr. H. J. Harris being appointed thereto in his stead.

7. Dr. Antonio Cippico has been appointed Lecturer in Italian for a period of three years.

8. Mr. A. L. Hough has been re-appointed Reader in Burmese for a further period of three years.

9. Dr. H. Hirschfeld has been re-appointed Lecturer in North Semitic Epigraphy for a further period of three years.

10. Emeritus Professor J. Sully has been re-appointed Lecturer in Æsthetics for a further period of three years.

11. Mr. Roger E. Fry has been re-appointed Lecturer in the History of Art for a further period of three years.

12. Mr. W. Layton resigned the Newmarch Lectureship in Statistics at the end of last Session, and Mr. Reginald Hooker has been appointed thereto for the Session 1912–13.

13. Mr. Daniel Jones has been re-appointed Lecturer in Phonetics for a further period of three years.

14. Mr. L. Solomon has been re-appointed Sub-Dean of the Faculty for the Session 1912–13.

15. Dr. J. J. Burnet has been re-appointed Architect-Visitor to the Class of Advanced Academic Design in the School of Architecture for the Session 1912–13.

16. Mr. Havard Thomas has been re-appointed Teacher of Sculpture for the Session 1912–13.

17. Mr. Gerald Gould has been re-appointed Quain Student in English for a further period of two years.

18. Mr. J. H. G. Grattan, at one time Quain Student in English, has been appointed Assistant in that Department for the Session 1912–13.

19. Mr. M. T. M. Ormsby and Mr. G. B. Jeffery have been appointed Assistants in the Department of Applied Mathematics and Mechanics for the Session 1912–13.

20. Mr. G. Noël-Armfield has been appointed an Assistant in the Department of Phonetics during the Session 1912–13.

21. The following Assistants have been re-appointed for the current Session :—

Architecture	Mr. Leslie Wilkinson (Assistant Professor).
Egyptology	Miss M. A. Murray.
	Dr. J. H. Walker.
English	Dr. R. W. Chambers (Assistant Professor).
Fine Art	Mr. H. Tonks (Assistant Professor).
	Mr. D. Lees.
	Mr. W. W. Russell.
	Mr. P. W. Steer.
	Mr. G. Thomson (Lecturer).
French	Mr. P. V. Thomas.
German	Mr. A. G. Haltenhoff.
Greek and Latin	Mr. L. Solomon.
History	Dr. Rachel R. Reid.
	Mr. E. A. Fulton.
Mathematics (Pure)..	Mr. J. H. Dibb.
	Mr. H. J. Harris.
	Mr. F. Jackson.
	Mr. R. G. Lunnon.
Philosophy and Psychology	Mr. J. Flügel.
Sanskrit.....	Mr. J. Allan.

22. Dr. Cippico, Lecturer in Italian; Mr. H. Tonks, Assistant Professor in the Slade School of Fine Art; Dr. W. Perrett, Reader in German; Dr. A. N. Whitehead, Reader in Geometry; Mr. Gerald Gould, Quain Student in English; and Mr. J. H. G. Grattan, Assistant in the Department of English, have been appointed members of the College Faculty of Arts.

Faculty of Science.

1. Professor J. Norman Collie has been appointed Director of the Chemistry Laboratories, in succession to Sir William Ramsay.

2. Professor F. G. Donnan, of the University of Liverpool, has been appointed to succeed Sir William Ramsay in the Chair of General Chemistry.

3. Mr. Irvine Masson has been appointed an Assistant in the Department of Chemistry.

4. Dr. N. T. M. Wilsmore has resigned his office of Assistant Professor of Chemistry, having been appointed to the Chair of Chemistry in the University of Western Australia.

5. The title of "University Reader in Plant Physiology" in the Department of Botany has been conferred on Mr. T. G. Hill, formerly Assistant Professor in that Department.

6. The title of "University Reader in Thermodynamics" in the Department of Physics has been conferred upon Mr. A. W. Porter, formerly Assistant Professor in that Department.

7. Mr. H. J. Harris has been re-appointed Sub-Dean of the Faculty for the current Session.

8. Dr. W. J. Dakin was appointed Senior Assistant in the Department of Zoology at the beginning of the present Session, but has now resigned that office, on being appointed to the Chair of Biology in the University of Western Australia. Mr. F. J. Bridgman has been appointed Assistant in the Department of Zoology for the current Session.

9. A University Lectureship in Military Science has been instituted, and Captain G. P. A. Phillips has been appointed thereto.

10. Mr. C. M. Green has been appointed Assistant in the Department of Botany.

11. Mr. E. J. Salisbury, having been appointed to a Lectureship in Botany at East London College, has resigned the Quain Studentship in Biology, to which Miss Sarah M. Baker has now been appointed.

12. The following Assistants have been re-appointed for the current Session:—

Applied Statistics ..	Miss Julia Bell.
	Mr. H. E. Soper.
	Miss E. Y. Thomson.
Botany	Mr. E. M. Cutting.
Chemistry	Dr. R. Whytlaw-Gray (Assistant Professor).
	Dr. S. Smiles (Assistant Professor).
	Miss K. A. Burke.
	Dr. W. C. McC. Lewis.
	Dr. W. B. Tuck.
Geology	Miss E. Goodyear.
Physics	Mr. N. Eumorfopoulos.
	Dr. A. O. Rankine.
	Mr. D. Orson Wood.

13. The following Demonstrators have been appointed:—

Chemistry;—Mr. E. De B. Barnett (Organic and Applied), Mr. J. R. Green, Mr. L. H. Haines, Mr. A. Newton, Mr. W. Saunders, Mr. H. V. Tattersall, Mr. H. Terrey, and Mr. G. N. White.

Geology	Mr. W. Russ.
Physiology	Miss Ruth Skelton.
Zoology	Mr. P. F. Macgregor.

14. Dr. D. E. Derry, Lecturer in Physical Anthropology; Capt. G. P. A. Phillips, Lecturer in Military Science; and Dr. A. N. Whitehead, Reader in Geometry, have been appointed members of the College Faculty of Science.

FACULTY OF ENGINEERING.

1. Professor J. A. Fleming has been appointed to the new University Professorship of Electrical Engineering, which has been endowed by the London County Council to carry on the work hitherto done at the College by Professor Fleming as Pender Professor: the Pender Professorship now lapses.

2. Professor Osbert Chadwick has been obliged, owing to continued ill-health, to resign the Edwin Chadwick Professorship of Municipal Engineering, which he has held since 1898. The title of Emeritus Professor of Municipal Engineering has been conferred on Professor Chadwick, in recognition of his services to the College. The Chair is at present vacant.

3. Mr. R. E. Middleton has resigned his Lectureship in Municipal Engineering as from the end of last Session, and that office is also at present vacant.

4. The College Committee have continued for the Session 1912–13 the temporary arrangements for the work of the Chair of Civil Engineering. In accordance therewith, Mr. H. Deans lectures on Railway Engineering; Mr. A. T. Walmisley on Waterways, Harbours and Docks; Mr. W. N. Blair on Roads, Street-paving and Tramways; and Mr. M. T. Ormsby on Surveying.

5. A Readership in Graphics in the Department of Mechanical Engineering has been instituted, and Dr. W. H. Eccles has been appointed thereto.

6. Mr. A. H. Barker has been re-appointed Lecturer in Heating and Ventilating Engineering for the Session 1912–13.

7. Mr. E. Kilburn Scott has been re-appointed Lecturer in Electrical Design for the Session 1912–13.

8. Mr. G. B. Dyke has resigned his office of Assistant in the Department of Electrical Engineering, such resignation to take effect at the end of the Second Term of the current Session.

9. The following Assistants have been re-appointed for the Current Session:—

Electrical Engineering . .	Mr. W. C. Clinton (Assistant Professor).
Mechanical Engineering .	Mr. W. J. Goudie (Assistant Professor).
	Mr. H. P. Philpot (Assistant Professor).
	Mr. E. Sprague.
Municipal Engineering . .	Mr. M. T. Ormsby.

10. The following Demonstrators have been appointed for the current Session:—

Mechanical Engineering . .	Mr. E. H. Bate, Mr. B. J. Lloyd-Evans, and Mr. P. Schur.

11. Dr. W. H. Eccles, Reader in Graphics; Mr. A. H. Barker, Lecturer in Heating and Ventilating Engineering; and Mr. J. H. Dibb, Assistant in the Department of Pure Mathematics, have been appointed members of the College Faculty of Engineering.

FACULTY OF MEDICAL SCIENCES.

1. The title of Professor of General Physiology has been conferred upon Dr. W. M. Bayliss, formerly Assistant Professor in the Department of Physiology.

2. The title of "Reader in Applied Physiology" has been conferred on Dr. G. A. Buckmaster, formerly Assistant Professor in the Department of Physiology.

3. The title of "Reader in Physiological Chemistry" has been conferred on Dr. R. H. Plimmer, formerly Assistant Professor in the Department of Physiology.

4. Dr. D. E. Derry, formerly Assistant in the Department of Anatomy, has been appointed Lecturer in Physical Anthropology for two years. He holds this office in conjunction with that of Curator of the Anatomical Museum.

5. Dr. A. J. Clark has been appointed Assistant in the Department of Pharmacology.

6. Mr. G. Y. Oliver has been appointed Honorary Assistant in the Department of Physiology.

7. Dr. Plimmer and Dr. W. B. Tuck have been re-appointed Teachers of Chemistry to Medical Students for the current Session.

8. The following Assistants have been re-appointed for the current Session :—

Hygiene	Dr. J. Sherwood New.
Pathological Chemistry .	Dr. F. W. Goodbody (Assistant Professor).

9. Mr. A. D. Anderson and Mr. C. L. Herklots have been appointed Assistant Demonstrators in the Department of Anatomy for the current Session.

10. Mr. F. J. Bridgman, Assistant in the Department of Zoology, has been appointed a member of the College Faculty of Medical Sciences.

THE WORK OF THE FACULTIES.

The Deans' Reports, which are printed in the Calendar, deal with the chief events of the Session 1911–12. The more important of these and other more recent events are referred to briefly below.

The Session 1911–12 was brought to a close with an Assembly, at which the Scholars, Medallists, and Prizemen were presented to Professor Sir William Ramsay, K.C.B., F.R.S., who delivered an address. A report of the proceedings is printed in the Calendar.

The Session 1912–13 was opened with the following series of Public Introductory Lectures :—

Prof. W. M. Flinders Petrie, LL.D., F.R.S., on "Amulets."

T. G. Pinches, LL.D., on "Early Sumerian Society and History." Illustrated by Lantern Slides.

D. Jones, M.A., on "Experimental Phonetics," on "General Phonetics," on "The Phonetics of French," and on "The Phonetics of English."

Prof. L. M. Brandin, L. ès Lettres, Ph.D., on "Madame de Sévigné."

Prof. F. W. Oliver, D.Sc., F.R.S., on "Joseph Dalton Hooker."

Prof. G. Dawes Hicks, M.A., Litt.D., Ph.D., on "The Philosophy of Shadworth Hodgson."

J. H. Morgan, M.A., on "The Relations between Political Science and Law."

Prof. A. F. Murison, M.A., on "Beginnings of the Roman Law."

Prof. Sir John Macdonell, C.B., LL.D., on "Modern Social Movements as shown by Comparative Law."

C. Read, M.A., on "An Introduction to Comparative Psychology."

Prof. J. A. Fleming, M.A., D.Sc., F.R.S., on "The Sources of Energy available to Man."

A. H. Barker, B.A., B.Sc., on "The Theory and Limitations of Approximate Calculations in Heating and Ventilation."

W. H. Ward, M.A., F.R.I.B.A., on "The French Renaissance in Architecture."

Mabel H. Bode, Ph.D., on "The Life of the Buddha in Ancient and Mediæval Pali Books."

Prof. E. A. Gardner, M.A., on "The Elgin Marbles."

Prof. H. E. Butler, M.A., on "Roman Education."

Edmund G. Gardner, M.A., on "Purgatorio."

Antonio Cippico, Dr. Juris, Ton "Early Lyrical Poetry in Italian Literature."

The total number of persons attending Public Lectures (either single Lectures or Courses) during the Session 1911–12 was about 2300.

Co-operation with the London County Council.

The arrangement with the London County Council, whereby properly qualified students of the London Day Training College take their Degree Courses at University College has now been in operation for nearly ten years with increasing success. Of the Students who entered in the seventh year 30 completed a full three years' course and took their degrees; of these 14 graduated in Arts (B.A.), 11 taking Honours, and 16 graduated in Science (B.Sc.), 7 taking Honours.

The Committee have been glad to co-operate with the London County Council in providing University Courses for Teachers in Phonetics (English, French, German, and Experimental), History (in the Evening School of History), the Teaching of Geography, French Literature, Mathematics, School Hygiene, and Experimental Pedagogy. The nine Courses that have hitherto been held this Session have been attended by about 570 Teachers.

Postgraduate Courses.

The further organisation of Postgraduate Courses recorded in the last Reports has proceeded during the past Session. A special Prospectus of Postgraduate Courses has again been issued and is to be found in the Calendar.

Publications.

The lists of Original Papers and other Publications during the year 1911–12 are appended to this Report. (See Appendix IV. pp. – .)

FACULTY OF ARTS.

During the last Session 208 students of other Colleges attended Intercollegiate Courses in the Faculty of Arts in this College, and 162 students of this College attended similar Courses at other Colleges.

The work of all departments of the Faculty has tended to show progress, and the general increase in the number and size of the classes is making it increasingly difficult to provide adequate accommodation for them in the lecture-rooms which are at present at the disposal of the Faculty. The accommodation likewise in the Arts Libraries, especially the History and English Libraries, requires increasing in the near future. The Faculty have prepared a report giving a statement of the more urgent needs of the several departments, and it is hoped that some of these needs may shortly be met by accommodation which will be released when the new College buildings, at present in course of construction, are ready.

The Bequests of the late Miss Morison are referred to in another section of this Report (p. 34). They are highly valued as a further evidence of her zeal for and devotion to the College, and her desire to promote learning. They are likely to be of the greatest value in furthering the work of the Faculty.

History.

The Evening School of History, which is maintained by the assistance of the London County Council, is continuing to develop under the direction of Professor Pollard. Provision is now made for a complete three years' Course of lectures and classes on Ancient, Mediæval, and Modern History, leading up in the fourth year to the more advanced work of the Seminars. Courses of Public Lectures have been arranged as a regular part of the work of the School, and these are attracting large numbers of Students of History in addition to those actually at work in the School. Mr. E. A. Fulton delivered a Public Course on "Some Lessons of British Colonial History" in the First Term of the current Session; and Professor Pollard has now begun a Course on "The Growth of the English Parliament."

A successful Course of three Public Lectures was delivered during the First Term by the Rev. J. Neville Figgis, Lecturer at St. Catherine's College, Cambridge, on "The Political Theory of St. Augustine, St. Thomas Aquinas, and William of Ockham." These lectures were primarily intended for the benefit of History students of the University, but they attracted also a large outside audience.

Italian.

Under the Bequest of the late Miss Morison, it has been decided to allocate an annual sum towards the endowment of the work of the Department of Italian. The number of Students taking Courses under the new Lecturer, Dr. Cippico, has again this year shown marked progress, and the work of the Department has been further extended by the arrangement of two new Courses. Three Public Lectures on "Italian Romanticism," delivered by Dr. Cippico, proved useful in promoting the growth of the Department.

French.

In connection with the Department of French Language and Literature, Miss Barbara Smythe delivered two Public Lectures during the Third Term on "The Music of the Troubadours." This Session Miss Smythe has been invited to deliver a longer Course of eight Lectures dealing with "Some Aspects of Mediæval French Poetry and Music." The Course is now in progress, and is attracting a good entry of students interested in this subject.

German. The Committee regret that Prof. Priebsch has been obliged, owing to ill-health, to apply for leave of absence, which has been granted to him. It is hoped that he will be able to return to work shortly, thoroughly restored to health. Prof. Robertson, with the assistance of the Readers in German, is carrying on Prof. Priebsch's work during his absence.

Celtic Language and Literature. The generous benefaction made anonymously through Prof. Ker (see p. 35) has enabled the College Committee to secure the services for the Second Term of Dr. Kuno Meyer, Professor of Celtic in the University of Berlin, who is conducting Classes in Old Irish Grammar and Middle Welsh Texts, and who is also delivering three Public Lectures. The interest with which Prof. Kuno Meyer's Courses are always followed justifies the Committee in hoping that before long Celtic will take its place as part of the regular curriculum of the Faculty of Arts.

Phonetics. A new branch of the study of Phonetics is being developed by the institution during the present Session of Courses in Spoken English, which are being given by the new Assistant, Mr. G. Noël-Armfield. The number of students attending Courses in Phonetics continues to increase as in previous years; they are drawn from a large number of foreign countries. The Lecturer in Phonetics, Mr. Daniel Jones, has received leave of absence from November till February, to enable him to undertake a lecturing tour in India, in the course of which he will deliver twenty-four lectures at Madras University, a Course at the Punjab University, and possibly a Course at Bombay University.

Indian School. The Censor of the Indian School, Prof. Neill, reports a satisfactory year in that School. Thirteen Indian Civil Service Probationers passed their year of probation at the College, and all except one, who was prevented by illness, passed their final examination creditably, and have since proceeded to India to take up their appointments. In March 1912, Sir William Lee Warner delivered a stimulating address to the Indian Civil Service Probationers on "Principles of Success in the Service of India." The lecture was attended by a large number of other persons interested in the Public Service of India. Prof. Arnold again delivered a Course of Public Lectures on "Islam in India," and Prof. Barnett a Course on "Hindu Religions." Mr. T. C. Hodson, a former student of the College, delivered a Course of three Public Lectures on "Indian Sociology." Dr. A. K. Coomaraswamy delivered a Course on "Indian Art."

The resignation of Professor Blumhardt, recorded in another section of this Report, which takes effect at the close of the current Session, entails a great loss to the Teachers and Students of the Indian School. Professor Blumhardt has occupied the Chair of Hindustani since 1896, and has combined with the work of that Chair the duties of the Readerships in Bengali and Hindi. The sympathy and help that he has given to the many Students of the Indian School who have passed through his Classes will render it difficult to fill his place. The College is already deprived of his services, as increasing ill-health has rendered it impossible for him to fulfil the duties of his Chair this Session, and the Committee has sanctioned the appointment of Mr. C. D. Steel and Mr. C. P. Caspersz as deputies to carry on the work in Hindustani and Bengali respectively.

Slade School. The work of the Slade School of Fine Art and the number of students attending its Courses have been maintained. A new depar-

ture has been the delivery of a Course of Lectures and Demonstrations by Mrs. Sargant Florence on "Tempera and Fresco Painting." The Course was well attended, not only by regular Stndents of the Slade School, but also by Art Students not connected with the Slade School, for whom the institution of this Course met a special need. The Slade Professor is anxious to institute a Course in Ornamental Design as soon as the necessary funds and the necessary accommodation can be provided.

A University Diploma in Fine Art has been instituted for those Students of the Slade School who take full-time Courses and who comply with the following conditions:—(*a*) Attend satisfactorily in the Slade School throughout three Sessions. (*b*) Attend satisfactorily the Courses in Fine Art Anatomy and in Perspective. A student who can produce evidence that he already possesses a sufficient knowledge of these two subjects may be exempted from taking the Courses. (*c*) Obtain Certificates in Drawing and in at least two of the following subjects:—(i) Painting, (ii) Architecture, (iii) Modelling, (iv) Decorative Design. (*d*) Obtain a Certificate in three Courses on the History of Art (one such Course at least to be taken each Session), the Courses to embrace Classical, Mediæval, Renaissance, and Modern Art. Sixteen Students have entered for the Course for the Diploma.

School of Architecture.

The generous aid of the Worshipful Company of Carpenters has enabled the College Committee to maintain the Evening School of Architecture, including the Course of Public Lectures on "The History of Architecture," in continuation of the Courses delivered in previous years. This year the Lecturer has been Mr. W. H. Ward, and the subject "French Renaissance Architecture." The Master of the Worshipful Company of Carpenters, Mr. Spencer W. Morris, presided at the first lecture.

University Courses of Lectures.

Among the University Courses of Lectures which are being held at the College may be mentioned a Course of four Lectures by l'Abbé Breuil on "Palæolithic Art." The Committee welcome the opportunity of providing at the College accommodation for University Lectures by distinguished foreign Professors.

FACULTY OF LAWS.

The Intercollegiate arrangements in the Faculty of Laws continue to work satisfactorily. The number of Students in the Faculty is increasing each year, and it will be noted that 12 Students took the degree of LL.B. at the September Examination, and 6 obtained the Honours Degree. As in previous years, a number of advanced Public Lectures arranged by the University Faculty of Laws have been held at the College and have attracted good audiences, including many engaged in professional practice in addition to undergraduate students of the Faculty. The following lectures may be mentioned: "The Codification of Law": two lectures by Dr. Henri Fromageot; "Continental Methods of Conciliation in Labour Disputes," by Prof. Stephen Bauer of Bâle. In addition to these University Lectures Prof. Sir John Macdonell has continued his Courses on Comparative Law and International Law, including Lectures on "Comparative Legal Procedure as Illustrated by Trials English and Foreign," and

"Modern Social Movements as shown by Comparative Law": he is at present lecturing on "Recent Legal Changes Affecting the Family, as shown by Comparative Law." The growth of the number of Post-Graduate Students in the Faculty of Laws which has characterised the last few Sessions has been well maintained, and at present 9 Graduates are registered as engaged in Post-Graduate work in preparation for the Doctorate of Laws.

FACULTY OF SCIENCE.

The desire expressed by the late Sir Francis Goldsmid in his Will that some of the income from his Bequest should be utilised for Scholarships has been given effect to by the institution of an Entrance Scholarship to the Faculty of Science of the value of £30 a year for three years. The first award will be made in May 1913.

Applied Statistics (including Galton Laboratory for National Eugenics).

The Department of Applied Statistics (including the Biometric and Galton Laboratories) now occupies a suite of rooms in the South Wing. Room Δ has been fitted up as a joint Lecture and Instrument Room. The possibility of a more permanent abode has, however, hindered any very complete development of the present quarters. A Course of Public Lectures was given during the Second Term of last Session, and was well attended; a similar Course this Term promises a good attendance, as, up to the present, applications for nearly 200 tickets have been received. Professor Pearson has also lectured at York and Oxford and given the Cavendish Lecture; Dr. Heron has lectured at Glasgow, Perth, and Dundee; and Miss Elderton at Cambridge. Among the gifts received have been £40 towards the publication funds from two anonymous donors, and £50, also from an anonymous donor, towards the home visiting in connection with the investigations being carried out in regard to the foreign Jews in the East End of London. There have also been useful gifts to the Library. The publications have been fairly numerous, and at least 2000 pamphlets and memoirs have been sold in the year. Activity in this direction has been greatly aided by the continuation of the Drapers' Company's Grant. At the present time there are at press, or nearly ready for press, the second volume of the "Albinism in Man," by Pearson, Nettleship, and Usher, in the Drapers' Company Publications; a memoir on "The Statistics of Sanatorium and Tuberculin Treatments," by Elderton and Perry; and a co-operative study on "The Influence of Social Value on Fertility," also in the Drapers' Company's Series. On the Eugenics Laboratory side there are several important memoirs awaiting publication, and a very large quantity of data has been forwarded to the Laboratory in the course of the year. What is urgently needed to cope with this material is a larger staff, and a building with a Public Theatre and a Museum, where it will be more possible to interest the outside world in the work of the Department, and so obtain more volunteer members and more financial aid.

Botany.

Reference was made in last year's Report to the institution of a Botanical Research Station at Blakeney in Norfolk. The work of this station has been continued by Prof. Oliver and Assistants and Students of the Department of Botany. In order to secure its continuance in the future, a disused boat-house is being acquired and converted for use as a Botany Station, and a lease of the site of the

boat-house is being acquired from the National Trust. The work at Blakeney is an important adjunct to the teaching facilities of the Department.

Chemistry.

Reference is made elsewhere to the progress of the new Chemistry Laboratories, which will, it is hoped, be ready for occupation in October. Prof. J. Norman Collie has been appointed Director of the new Chemical Laboratories in succession to Sir William Ramsay. Sir William Ramsay consented to retain the Chair of Chemistry pending the appointment of his successor. He has, however, been absent in America during the greater part of the first term, and his work has been carried on during his absence by his Deputy, Dr. Whytlaw-Gray. The newly-appointed Professor, Dr. F. G. Donnan, will probably begin his work at the College at the opening of the Third Term of the current Session.

Pure Mathematics.

A new development in the organisation of the Department of Pure Mathematics has been caused by the institution of a University Readership in Geometry. The first Reader is Dr. A. N. Whitehead, F.R.S., who acted as Lecturer in the Department of Applied Mathematics and Mechanics during the temporary vacancy in the Goldsmid Chair caused by the resignation of Prof. Karl Pearson. Dr. Whitehead's lectures on Geometrical Theory and Speculation, which are of a non-technical nature and introductory to the science of Geometry, are well attended, as are also the lectures on the Theory of Proportion by Professor M. J. M. Hill for the benefit of Teachers of Mathematics under arrangement with the County Council. Dr. L. Silberstein accepted an invitation to deliver during the first term of the current Session a Course of Lectures on "The Theory of Relativity." Of advanced students, 8 are working for the M.A. degree and 3 for the D.Sc. degree.

Applied Mathematics and Mechanics,

The vacancy in the Goldsmid Chair of Applied Mathematics and Mechanics has been filled by the appointment thereto of Dr. L. N. G. Filon, who has had long and distinguished connection with the College, first as a Student, and later as Assistant Professor in the Department of Pure Mathematics.

During this Session certain Inter-Collegiate Lectures for Honours Students in Applied Mathematics have been arranged with King's and Bedford Colleges. The department has benefited by a telescope which has been presented by the Rev. E. Brocklebank. It is very desirable that this telescope, which would be most valuable for research on Stellar Spectroscopy, should be housed and mounted as soon as possible, so as to be made available for the workers in the department, and nothing but lack of funds prevents the work of constructing the requisite observatory from being taken in hand. Additional space is required for the increasing activities of the department.

Three new Lectureships have been created in the Faculty of Science, namely, a Lectureship in Military Science (which subject has now been included in the curriculum for the B.Sc. Degree), to which Capt. G. P. A. Phillips has been appointed; a Lectureship in Vertebrate Palæontology, to which Mr. D. M. S. Watson has been appointed; and a Lectureship in Physical Anthropology, to which Dr. D. E. Derry, who is also Curator of the Anatomical Museum, has been appointed. Anthropology has recently been added as an Honours subject for the B.Sc. Degree, and the work of the Lecturer in Physical Anthropology will provide part of the teaching required

by students taking Anthropology for their Degree. A beginning has been made with the teaching of this subject by the arrangement of an Intercollegiate Course with King's College. Prof. Waterston, of King's College, and Dr. Derry are jointly giving a Course on Physical Anthropology during the Second Term.

Physics. At the beginning of the current Session Prof. F. T. Trouton was compelled to apply for leave of absence on account of his serious illness. He was absent during the whole of the First Term, and leave of absence has been granted to him until the end of the Second Term. His presence has been much missed in the work of the College generally, and more particularly in the Department of Physics. Temporary arrangements have been made for carrying on the work of his Chair under the general direction of Mr. A. W. Porter, with the special assistance of Dr. Phillips.

FACULTY OF MEDICAL SCIENCES.

The Senate have conferred upon Dr. W. M. Bayliss the title of Professor of General Physiology in the University of London. Dr. Bayliss has been long connected with the College, and has rendered most valuable services to the College in an honorary capacity as a teacher and as a research worker. It has been a great gratification to the College Committee and also to his colleagues that his services have received this merited recognition.

Pharmacology. The erection of the new Pharmacology Laboratories in the South Quadrangle, adjoining the Institute of Physiology, has provided the facilities for teaching and research in Pharmacology which have been much required since the institution of the Chair of Pharmacology and the appointment of Prof. Cushny thereto.

Page May Lectures. The Page May Lectures in the Session 1911–12 were given by Dr. Henry Head on "The Afferent Nervous System," and were attended by about 70 medical men and students. In the current Session, the Lectures are being given by Dr. F. W. Mott on "The Functions of the Cortex Cerebri" to an even larger audience. The Lectures are of great value to the work of the Faculty: it is hoped they will be made permanent.

FACULTY OF ENGINEERING.

The desire expressed by the late Sir Francis Goldsmid in his Will that some of the income from the Bequest should be utilised for Scholarships has been given effect to by the institution of an Entrance Scholarship to the Faculty of Engineering of the value of £30 a year for three years. The first award will be made in May 1913.

The Scheme of Advanced and Post-Graduate Courses in the Faculty has been continued with increasing success, the Courses by Prof. J. A. Fleming on "Electromagnetic Waves and the Electronic Theory of Electricity," and "Electric Wave Wireless Telegraphy," attracting numbers of Engineers in Practice nominated by the General Post Office and some of the great electrical firms. Other special Engineering Courses arranged this Session include "Steam Turbines" by Mr. W. J. Goudie; "Some Modern Methods

in the Design of Structures" by Mr. H. P. Philpot; "Photographic Surveying" by Mr. M. T. Ormsby; and "The Photographic Study of Metals" by Mr. F. Bacon.

Heating and Ventilating.

Reference was made last year to the institution of a new Lectureship in Heating and Ventilating Engineering, through the help of the London County Council, and the appointment of Mr. Arthur H. Barker as the first Lecturer in that subject. The work of this Sub-Department has shown progress during its first year, and the London County Council have renewed their support of this new and important development. A further impetus has been provided by the Council of the Institution of Heating and Ventilating Engineers, who have collected a fund sufficient to enable them to provide two Studentships in Heating and Ventilating Engineering each of the value of £61 11s. 0d. and tenable for two years. The first elections to the "Heating Studentships" will be made in July, 1913.

Municipal Engineering.

Owing to ill-health, Professor Osbert Chadwick had for some time found it impossible to take an active share in the direction of his Department. In recognition of his services to the College, and to the study of Municipal Engineering, the Senate conferred the title of Emeritus Professor upon him. Mr. Middleton, Lecturer in Municipal Engineering, resigned his lectureship also on the ground of ill-health. On the assumption that the Chadwick Trustees would continue their grant, steps were taken to appoint a full-time Professor of Municipal Engineering. As the Grant has not been renewed for the Session 1912–13, it has not been possible to make the appointment. Temporary arrangements have been made for the Session 1912–13 for the work of the Department. Prof. Stephen Dixon, of the University of Birmingham, has accepted an invitation to deliver a Course of Lectures on Municipal Engineering at the College during the Second Term. It is hoped, however, that the scheme of a full-time appointment to the Chair of Municipal Engineering will shortly be realised. In providing for the teaching of Municipal Engineering and Municipal Hygiene at University College, the Chadwick Trustees had enabled pioneer work to be done. There is no other Chair of Municipal Engineering in London, and it is believed there is no other Chair of like kind in the whole country. It will be difficult for the University to carry on this special work unless the Grant from the Chadwick Trustees is continued.

Chadwick Grant.

Mr. Leslie Robertson, a former student of the College, delivered a Public Lecture on "The Business Aspects of Engineering" during the Third Term. The lecture was well attended by Third Year Students of the Faculty and other members of the Engineering profession. The Chair was taken by Mr. Charles Hawksley, Past President of the Institution of Civil Engineers.

THE LIBRARIES.

The accessions to the Libraries, by gift or purchase, during the year amount to about 4,110 volumes and pamphlets. Of this number 1,718 have been presented. These totals include 710 items added to the Mocatta Library: 688 by purchase and 24 by presentation.

A list of donors will be found in Appendix III., p. 57.

Special thanks are due to the following donors :—

(1) To Mr. S. N. Bruce, for thirty-six classical books.
(2) To Mr. A. L. Hough, for a collection of Oriental and other books.
(3) To Mrs. W. H. Lecky, for volumes 1–30 of the Journals of the House of Commons of Ireland.
(4) To Sir John Rotton, for a complete set of the "Scrittori d'Italia."
(5) To the Executors of the late Mr. A. R. Momber, for a collection of zoological books.
(6) To the Navy Record Society, for a set of their publications.

During the period from January to June, when leave of absence was granted to the Librarian, the Library was in charge of the Sub-Librarian, who discharged his duties most satisfactorily.

The Library of the Bibliographical Society has been housed in the College. This collection, although small, is of exceptional value, and contains many books of reference which it is important to have accessible.

A catalogue of the periodical publications in the College Libraries has been printed and circulated to members of the Staff, and to various Societies and Libraries in the Libraries Exchange List. The bulk of the work in connection with this Catalogue was done by the Sub-Librarian (Mr. L. Newcombe).

The Library Committee regret that it has not yet been found possible to construct the gallery over the Science Library which was indicated in their reports of the last two years as a matter of urgent necessity. In the absence of this gallery the work of press-marking store-books has had to be continued, as further delay was impossible. The History and Law books in Room 18 have been arranged and press-marked, although this arrangement cannot be permanent, as it will probably be found necessary later to move the books from this room. The construction of a *permanent* bookstore in the galleries over the Science Library is more than ever essential.

A number of books from the Preliminary Medical Sciences section of the Science Library have been transferred to a room in the new building of the Department of Pharmacology.

The completion of imperfect sets of periodicals, more particularly scientific periodicals, is a matter of the utmost importance, and is being proceeded with as rapidly as possible. A special grant of £450 for the purposes of the College Libraries was allocated in May by the Senate from the London County Council Grant: of this sum, £355 has been allocated for the purchase of missing volumes of periodicals.

During the Session 1911–12, 83 Students held keys of the Science Library, and 141 of the different Arts Libraries. There are some 600 borrowers on the register, and 4,111 books were issued for home reading. About 110,000 volumes have been consulted in the Libraries.

Further details of the Mocatta Library are given in the Annual Report of the Mocatta Library Committee.

EVENING AND VACATION LECTURES AND MEETINGS.

The College has been open during the past year on five evenings in the week for the purposes of special work, mainly of a post-graduate nature.

The meetings of the Philological Society, the Students' Political Economy Club, the Geologists' Association, the Jewish Historical Society, the University Musical Society, and the Law Students' Society are held regularly in the College.

The College has been made the headquarters of the Historical and English Associations and the Folk-Lore and Bibliographical Societies. The Executive Committees of these bodies meet in the College. The Annual Meeting of the English Association was also held there; and the meetings of the Persia Society and of the Froebel Society.

The University Holiday Course for Foreigners was again held at the College during the Long Vacation.

RESIDENTIAL HALLS.

University College Hall, Ealing, continues to prosper, and at the present time every room at the Hall is occupied. In February, 1912, the Warden of the Hall, Mr. Kirk, unfortunately fell ill and in consequence was unable to discharge his duties at the Hall during the remainder of the Session. He has since retired from the post of Warden. Mr. Walter W. Seton was appointed Warden of the Hall as from September 1st, and a new office, that of Sub-Warden, was created. During the First Term the Sub-Warden was Dr. G. C. Mathison, a former Sharpey Scholar; since January 1st the Sub-Warden has been Dr. Clement Lovell, an old Student of the College. Each year the applications for residence in the ensuing Autumn are being received earlier, showing that the Hall is becoming better known, and that there is an increasing appreciation of its value as a place of residence and as a factor in the social life of the College.

The Council of College Hall, Byng Place, which at present provides residence for about 37 Women Students, have obtained options, on the one hand, for the purchase of the Freehold from the Duke of Bedford, and, on the other hand, for the purchase of the Leasehold from the Coward Trustees. The Council hope to be in a position to rebuild the Hall, and thus to provide accommodation of a more modern and more suitable type for between 55 and 60 Women Students. The total cost of the purchase of the Site, Leasehold, and Building is estimated at £30,000, of which nearly £10,000 has been received or promised. The project of acquiring the Freehold and re-building the Hall has been laid before Her Majesty the Queen, and the Council have been informed that "the object is one which meets with Her Majesty's entire approval." "So soon as the necessary funds have been raised to complete the scheme, the Queen will be prepared to give her favourable consideration to the question of College Hall being named after Her Majesty."

OFFICERS TRAINING CORPS.

On December 31st, 1912, the University of London Contingent of the Officers Training Corps numbered 29 Officers and 897 Cadets, showing an increase of 3 Cadets on the previous year. Of the total number, 2 Officers and 14 Cadets of the Artillery, 4 Officers and 144

Cadets of the Infantry, and 2 Officers and 37 Cadets of the Medical Unit were connected with the College. During the year, 2 Cadets belonging to the College have taken Commissions in the Special Reserve, 3 have taken Commissions in the Territorial Force, and 1 has taken a Commission in the General Reserve of Officers. 37 Cadets have obtained Certificate A and 13 have obtained Certificate B. These results compare favourably with those obtained by other units, the percentage of successes of the College taken relatively to the whole of the Infantry Battalion being 69 for B Certificates and 51 for A Certificates. The percentage of strength of the same units is only 30 per cent. of the Battalion.

Two Students of the College are taking the new Military Science Course as one of the subjects for the Pass Degree.

The adoption by the Artillery and Infantry Units of the plan of making one drill a week and fifteen days in Camp compulsory for all Cadets has resulted in the Battalion Efficiency Cup again being won by one of the College Companies, the other Company being second. In addition to that success, the Inter-Company Challenge Cup for the best shooting team of 8 Cadets has been won by one of the College Companies. Several Cadets of the Infantry Unit did some excellent shooting at Bisley, one Cadet being eighth in the Queen Mary Competition, in the second stage of the King's Prize, and close for the first hundred in the King George's Competition. The same Cadet obtained the highly-prized mark of distinction at the Hythe Course of Musketry. Another Cadet came out top scorer of the Battalion in the classification practices for the Regular Army, gaining 154 points, or 20 above the score required for the Army Marksman's Badge.

During the year, the following Officers have been gazetted for service with College Units of the Corps:—Mr. H. J. Page, late Demonstrator in the Department of Physiology, for service with the Artillery Unit; and Mr. C. M. Green, Assistant in the Department of Botany, for service with the Infantry Unit.

STUDENTS' SOCIETIES.

The Reports of the Students' Societies show that the corporate life of the College is in a healthy condition. The Union Society records a total membership of 761.

During Foundation Week, the Oration was delivered by Sir Herbert Tree, who took as his subject "The Humanity of Shakespeare." The Play chosen was Beaumont and Fletcher's "Knight of the Burning Pestle," which was produced under the joint direction of Miss Elsie Chick and Mr. Kenneth E. Kirk.

The Crabb Robinson Trustees renewed their Grant of £75 to the Athletic Ground Fund. This Fund has been further helped by Mr. Martin White, who kindly promised £200 in half-yearly instalments of £50. There is still a debt of some £3,000 upon the Ground and Pavilion, which the Union Society are using their best efforts to clear off.

The Women's Union Society records a year of steady progress. Of the debt on the Atheletic Ground at Perivale, £100 was paid during the year, and by the Will of the late Miss Morison the Society was released from the debt of £200 due to her on the same account. Miss Morison also generously bequeathed £100 to the Society for any purpose that its Committee might think fit.

The Students' Representative Council, the Musical Society, the Union Debating Society, the Athletic Union, and the Law Students' Society of the University meet from time to time at the College, and have received the active support of its Students.

The Societies not included in the Unions, each of which appeals to Students who have an interest in some special branch of study, have done excellent work.

The Hume Society, being the Old Students' section of the Inter-collegiate Law Students' Society, has done useful work in connection with the Faculty of Laws.

The Inter-Collegiate Law Students' Society had a very successful Session's work. Mr. Augustine Birrell presided at the Annual Dinner, and Lord Reay was among the Guests.

The St. Christopher's Working Boys' Club, which provides healthy amusement for about 250 working lads living in the immediate neighbourhood of the College, has been carried on successfully during the past year under the auspices of the Christian Association of the College Students. In addition to the work done in the Club quarters in Fitzroy Square, a Summer Camp extending over three weeks was organised at Skegness. Professor Collie gave an interesting Lecture in support of the Club at the beginning of the past Session on "Explorations in the Canadian Rocky Mountains," illustrated by Lantern Slides: the Chair was taken by Professor Sir John Bradford, K.C.M.G. The Club also derived important financial assistance from a Concert and Play given by the 'Donnybrook Players.'

The Old Students' Association organised three evening meetings as well as an Old Students' Dance. The President for the current Session is Mr. Raymond Johnson, and the Secretary is Mr. A. F. Girvan. The Guild of Graduates, to which reference was made in the last Report, has extended its activities, including among them the publication from time to time of a Bulletin. A General Meeting of the Guild was held at the beginning of the current Session, at which a discussion on "The Defects of the Present Matriculation Examination from the Schoolmaster's Point of View" was opened by the Headmaster of Mill Hill School, Dr. J. D. McClure: Sir Edward Busk, the Academic Registrar, and several members of the Guild took part in the discussion. The Provost has been elected the second Master of the Guild, and the following are the Faculty Wardens:—Arts, Dr. H. Frank Heath, C.B.; Laws, Mr. L. F. Thompson, B.A., LL.B.; Science, Miss Ethel N. Thomas, B.Sc.; Medicine, Mr. Raymond Johnson, M.B., F.R.C.S.; Engineering, Mr. E. S. Andrews, B.Sc. (Eng.). Mr. R. E. M. Wheeler, M.A., is the Registrar.

THE PEEL FUND.

The income of the Peel Fund was expended in grants for the purchase of books made to the following Institutions:—

Bedford Institute, London (£10). Bunyan Institute, Bedford (£5). Hermitage School, Newcastleton, N.B. (£5). Public Library, Harlech (£5). Mechanics' Institute, Basingstoke (£5). St. Christopher's Boys' Club, W. (£6).

APPENDIX I.

Geographical Distribution of Students (1911–12).

	Undergraduate and Non-Matriculated.		*Postgraduate and Research.*	
London	677		247	
30-mile radius	84		35	
Rest of United Kingdom	300		77	
British Empire (other than above)				
Australia	4		3	
Canada	3		3	
Ceylon	12		1	
Egypt	27		—	
Hong Kong	5		—	
India	38	110	10	19
Malta	1		—	
Mauritius	2		—	
New Zealand	3		—	
South Africa	10		1	
West Indies	5		1	
Algeria	1		—	
Arabia	1		—	
Austria	9		1	
Bulgaria	1		—	
Canary Islands	1		—	
China	8		—	
East Indies	3		—	
France	11		2	
Germany	31		5	
Holland	3		—	
Italy	2		—	
Japan	3		2	
Norway	3		1	
Portugal	2		—	
Roumania	—		1	
Russia	7		5	
South America	5		1	
Sweden	2		1	
Switzerland	4		—	
Turkey	3		—	
United States	5		6	
	1276		403	=1679

APPENDIX II.

GRANTS (1911–12).

	£	s.	d.
Treasury (General Grant), including £1,250 received in respect of the previous year	17,250	0	0
Board of Education (Professional Education)	1,884	5	0
India Office	300	0	0
London County Council through the University:			
Chemistry, German, and Physiology — £3,375 0 0			
Heating and Ventilating Engineering — 300 0 0			
Lectures for Teachers — 700 0 0			
Libraries — 450 0 0			
	4,825	0	0
Benington Research Studentship	50	0	0
Carpenters' Company	250	0	0
Chadwick Trustees	500	0	0
Crabb Robinson Trustees	175	0	0
Drapers' Company:			
Applied Statistics Research Fund	400	0	0
Gladstone Memorial Trustees	10	0	0
	£25,644	5	0

SUBSCRIPTIONS AND DONATIONS (1911–12).

	£	s.	d.
The Treasurer (Sir Felix Schuster)	20	0	0
Anonymous per the Provost	*20	0	0
Anonymous for the Page May Lectures	*52	10	0
A Fellow of the College per the Provost	*47	5	0
Mr. Walter Baily	10	0	0
Professor W. M. Bayliss	10	0	0
Rev. C. E. Brocklebank	*33	16	6
Professor Fredk. Brown	*50	0	0
Dr. G. Carey Foster	5	0	0
Mr. F. Douglas Fox	1	1	0
Dr. F. W. Goodbody	*40	0	0
Professor Vaughan Harley	*121	0	0
Professor J. P. Hill	*1	5	0
Sir Victor Horsley	*65	0	0
Mr. J. Rose-Innes per Prof. F. T. Trouton	*55	0	0
Professor W. P. Ker	*150	0	0
Sir W. H. Lever	10	0	0
Mr. R. E. Lloyd	2	0	0
Carried forward	693	17	6

* For special purposes.

	£	s.	d.
Forward	693	17	6
Mrs. Alice Lucas	*5	5	0
Sir John Macdonell	*10	0	0
Mr. B. Elkin Mocatta	*5	0	0
Mr. F. Nettlefold	5	0	0
Mr. A. G. Ross	*150	0	0
Sir John Rotton	5	5	0
Mrs. Marie V. Russell	*15	0	0
Mr. W. A. Sharpe	5	5	0
Professor C. Spearman	*10	0	0
Sir Edgar Speyer	25	0	0
Sir Isidore Spielmann	3	3	0
Professor G. D. Thane	*5	0	0
Professor F. T. Trouton	*214	11	3
Sir John Tweedy	25	0	0
University of London Military Education Committee	*21	11	0
Mr. Edwin Waterhouse	5	5	0
Professor A. Willey	10	0	0
Mr. Thomas Wilson	3	3	0
Miss A. A. Wood	*1	0	0
	£1,218	5	9
Transferred from Suspense Account	131	3	8
	£1,349	9	5
Less amounts for expenditure in 1911–12	136	3	3
	£1,213	6	2

* For special purposes.

SUBSCRIPTIONS AND DONATIONS
promised and paid for the Current Session.

	£	s.	d.
Mr. Walter Baily	10	0	0
Professor W. M. Bayliss	10	0	0
Mr. H. W. Brown	*10	0	0
Mr. N. Eumorfopoulos	*5	15	0
Mr. F. Douglas Fox	1	1	0
Mr. Charles Hawksley	10	0	0
Sir Victor Horsley	*65	0	0
Mr. J. Rose Innes per Prof. F. T. Trouton	*20	0	0
The Rt. Hon. Lord Iveagh	*50	0	0
Sir W. H. Lever	10	0	0
Mr. Norman Moore	*5	0	0
Mr. Henry Oppenheimer	*15	0	0
Sir John Rotton	*5	0	0
Sir Isidore Spielmann	3	3	0
Professor E. H. Starling	*35	0	0
Mr. Thomas Wilson	3	3	0
Miss A. A. Wood	*1	0	0
	259	2	0
Brought forward from Session 1911–12	136	3	3
	£395	5	3

* For special purposes.

APPENDIX III.

DONATIONS TO THE LIBRARIES DURING THE YEAR ENDING DECEMBER 31ST, 1912.

Those donors marked "*M.*" have presented the volumes mentioned to the Mocatta Library.

	Vols.	Pmph.
Academia Naturæ Curiosorum, Halle	2	0
,, Polytechnica do Porto.	1	0
Académie des Sciences de Cracovie	3	0
,, Impériale des Sciences de St. Pétersbourg..	1	0
,, Royale de Belgique ..	4	0
Academy of Natural Sciences of Philadelphia	1	0
Accademia delle Scienze di Torino	2	1
,, Pontaniana	1	0
Admiralty, H.M.	2	0
"Agricultural Economist," Publishers of the	1	0
Agricultural Research Institute, Pusa	2	0
Alberta, Department of Agriculture	1	0
Allahabad, Government Press ..	1	0
Allegheny Observatory	0	5
American Academy of Arts and Sciences	1	0
,, Museum of Natural History	2	0
,, Philological Association	1	0
,, Philosophical Society ..	1	1
,, Society of Civil Engineers	4	0
,, Urological Association .	2	0
Aristotelian Society	1	0
Armstrong College, Newcastle ..	1	0
Arnold, Prof. T. W.	1	0
Astronomer Royal, H. M,	1	2
"Athenæum," Publishers of the .	2	0
Australia, Government of	2	4
Australian Museum, Sydney	0	3
Barnett, Prof. L. D.	1	0
Bastian, Dr. H. C.	1	0
Bedford College, London.	1	0
Berkart, J. B.	1	0
Bibliotheca Nazionale Centrale di Firenze	1	0
M. Biema, C. van	4	0
Birmingham and Midland Institute	0	1
Blackshear, Dr. E. L.	0	1
Board of Trade	10	0
Boston Society of Natural History	1	1
Botez, Prof. I.	1	0
Brandin, Prof. L. M.	1	0
Brandstetter, R.	0	1
Bridgman, F. J.	1	0
Bristol Naturalists' Society	0	4
British Association	2	1
,, ,, for Labour Legislation .	1	0
,, Astronomical Association .	2	0
,, Museum	14	1
Bruce, S. N.	36	0
Bullen, R. A.	0	1
Bureau of Standards, Washington	0	2
Butler, Prof. H. E.	4	0
California Academy of Sciences ..	1	0
Cambridge Philosophical Society..	1	3
Canada, Government of	6	11
Canadian Institute	0	1
Carnegie Foundation for the Advancement of Teaching	2	1
,, Institution of Washington	23	4
,, Trust for the Universities of Scotland..	1	0
M. Central Conference of American Rabbis	1	0
Chambers, Dr. R. W.	2	0
Chemical Society	5	0
Chester Society of Natural Science	0	1
China, Government of	10	1
City and Guilds of London Institute	1	1
,, of Birmingham Education Committee	0	2
,, of London College	1	0
Clinton, W. C.	1	0
College of Preceptors	1	0
,, of Science, Japan	2	0
,, ,, Kyoto	1	0
"Colliery Guardian," Publishers of the	2	0
Columbia University Press	1	0
Colombo Museum	1	0
Comité géologique de St. Pétersbourg..	5	0
Congress of Universities of the Empire	1	0
Cotteswold Naturalists' Field Club	0	1
Cuerpo de Ingenieros de Minas del Peru	0	1
Cushny, Prof. A. R.	3	0
Dansk geologisk Forening	0	1
Deepankara, Rev. W.	0	3
Deptford, Borough of	1	0
Dibb, J. H.	1	0
Dollfus, G. F.	1	1
Ealing Scientific Society	0	3
East India Association	1	0
,, London College	1	0
Edinburgh Geological Society ..	0	1
"Education," Publishers of	2	0
"Electrical Engineering," Publishers of	1	0
Engineering Standards Committee	0	6
Engineers' Society of Western Pennsylvania	1	0
Escola de Medicina tropical de Lisboa	0	1
Eumorfopoulos, N.	9	0
Farnell, Dr. L. R.	1	0

	Vols.	Pmph.
"Ferro-Concrete," Publishers of.	1	0
Field Museum of Natural History, Chicago	0	10
Formosa, Government of	1	0
Foster, Dr. T. G.	2	4
Franklin Institute	2	0
Fried, A. H.	1	0
Gardner, Prof. E. A.	6	0
Garwood, Prof. E. J.	1	0
Geographical Association	0	3
Geological Institute of Roumania.	1	0
,, Society of America	1	0
,, ,, of London	1	0
,, ,, of South Africa	3	1
,, Survey of Great Britain	11	3
,, ,, of India	1	1
,, ,, of New Jersey	0	2
Geologiska Föreningen i Stockholm	1	0
Geologists' Association	1	0
"Gibb Memorial," Trustees	2	0
Glasgow School of Art	1	0
Godlee Observatory, Manchester	0	1
Goldsmiths' College	1	0
Gollancz, Prof. H.	2	0
M. Gottlieb, S. N.	1	0
Gougaud, L.	0	2
Handels Hochschule, Berlin	0	1
Harvard University	1	0
Heriot-Watt College, Edinburgh	1	0
Hertfordshire Natural History Society	0	1
Hirschfeld, Dr. H.	1	5
Hornell, J.	1	0
Housman, Prof. A. E.	1	0
"Illuminating Engineer," Publishers of the	1	0
Imperial College of Science	1	0
Imperial Library, Calcutta	1	0
Incorporated Association of Assistant Masters	1	0
,, Society of Authors	1	0
India, Government of	1	0
,, Office	2	49
Indian Institute of Science, Bangalore	0	1
Institut de France	1	0
Institute of Bankers	1	0
,, of Chemistry	2	3
,, of Marine Engineers	1	0
Institution of Civil Engineers	3	1
,, of Electrical Engineers	3	0
,, of Engineers and Shipbuilders in Scotland.	1	0
,, of Mechanical Engineers	3	2
,, of Naval Architects	2	0
Iron and Steel Institute	3	1
Japan, Government of	1	0
M. Jewish Historical Society of England	1	0
John Crerar Library, Chicago	0	1
John Rylands Library, Manchester	2	0
Johns Hopkins Hospital	1	0
,, ,, University	0	7
Junior Institution of Engineers	1	0
K. Akademie der Wissenschaften, Vienna	4	2
,, Ingenieur Hochschule, Moscow	1	0
K.-K. geologische Reichsanstalt, Vienna	2	0
,, ,, naturhistorisches Hofmuseum, Vienna	1	0
K. mineralogische Gesellschaft	1	0
Ker, Prof. W. P.	12	0
King's College, London	1	0
Kodaikanal Observatory	0	3
K. preuss. Akademie der Wissenschaften	2	0
,, techn. Hochschule, Berlin	0	2
,, nederlandsch meteorologisch Instituut	0	1
Lavis, Dr. H. J. J.	1	0
Layton, W. T.	1	0
Lecky, Mrs. W. E. H.	20	0
Lee, Prof. R. W.	3	1
M. Lehranstalt für die Wissenschaft des Judenthums	1	0
Leicester Literary and Philosophical Society	2	0
M. Levy, Rev. S.	3	118
Library Association	0	1
,, of Congress	7	3
Linnean Society	2	0
London County Council	2	0
,, Mathematical Society	1	0
Macmillan & Co.	3	1
Madras, Government Press	1	0
Manchester Geological Society	1	0
,, Literary and Philosophical Society	1	0
,, Statistical Society	1	0
,, Steam-users Association	0	1
Marine Biological Association	0	2
,, ,, Laboratory, Wood's Hole, Mass.	2	0
Marks, Miss C. I.	3	0
Maryland Geological Survey	4	0
Meta, J. M.	2	0
Meteorological Committee	2	0
,, Office	1	4
Michigan Academy of Sciences	1	0
,, College of Mines	0	1
Middle Temple	1	0
Ministère de l'Instruction publique, Paris	5	0
Missouri Botanical Garden	1	0
M. Mocatta, Miss Ada	2	0
"Model Engineer and Electrician," Publishers of the	2	0
Municipal School of Technology, Manchester	1	0
Murison, Prof. A. F.	3	0
Museum für Natur- und Heimatkunde in Madgeburg	0	1
National Library of Wales	1	0
,, Physical Laboratory	1	1
Naturwiss. Verein für Steiermark.	2	0
Navy Records Society	35	1
New South Wales, Government of.	3	3
,, York Academy of Sciences	1	0
,, ,, State Education Department	1	0
,, Zealand, Government of	2	0
Newton, A. U.	1	0
North of England Institute of Engineers	1	0
Northampton Polytechnic Institute	1	0
Northwestern University, U.S.A.	1	0
Nova Scotian Institute of Science.	1	0
Observatoire central Nicolas, St. Petersburg	2	1
Observatoire royale de Belgique	1	1
Observatorio "Infante d. Luiz," Lisbon	3	0
Observatory of Batavia	1	0

	Vols.	Pmph.
Observatory of Coimbra	1	0
,, Moscow University	0	2
O'Rourke, Miss E.	1	0
Pearson, Prof. K.	3	4
Petrie, Prof. W. M. F.	1	0
Pharmaceutical Society	1	0
Philological Society	1	0
Physical Society	3	0
Physikalisch-technische Reichsanstalt	0	1
Platt, Prof. J. A.	0	1
Pollard, Prof. A. F.	6	0
Porteous, G.	1	0
Priebsch, Prof. R. C.	3	1
Public Library, Adelaide	6	0
,, ,, Newcastle	1	0
Quekett Microscopical Club	0	2
Queen's University, Kingston, Ont.	0	5
Queensland Museum	0	1
Rabot, C.	1	0
Radcliffe Observatory, Oxford	1	0
Radford, Miss M. M.	1	0
Ramsay, Prof. Sir W.	49	35
Read, Prof. Carveth	38	5
R. Accademia dei Lincei	4	4
,, ,, delle Scienze di Torino	3	0
,, Instituto bacteriologico Camara Pestana	0	1
,, Istituto Lombardo	2	0
Reay, The Rt. Hon. Lord	43	172
Registrar of Births and Deaths in Dublin	2	0
Reid, The Rt. Hon. Sir George	0	1
Robertson, Prof. J. G.	4	0
Rockefeller Institute for Medical Research	3	1
Röntgen Society	1	0
Rotton, Sir John F.	60	0
Royal Academy of Stockholm	3	0
,, Alfred Observatory, Mauritius	3	0
,, Anthropological Institute	2	0
,, Astronomical Society	1	0
,, College of Surgeons	1	0
,, Colonial Institute	1	0
,, Dublin Society	1	1
,, Engineers' Institute	2	0
,, Geological Society of Australasia	1	0
,, Geological Society of Cornwall	0	1
,, Institute of British Architects	2	0
,, Institution of South Wales	0	1
,, Irish Academy	3	0
,, Meteorological Society	1	0
,, Microscopical Society	1	0
,, Sanitary Institute	1	0
,, Scottish Geographical Society	1	0
,, Society of Arts	1	0
,, ,, of Canada	1	0
,, ,, of Edinburgh	2	0
,, ,, of Literature	1	0
,, ,, of London	8	0
,, ,, of Upsala	0	1
,, ,, of Victoria	1	0
,, Statistical Society	1	1
,, Technical College, Glasgow	1	1
,, United Service Institution	2	0
Russische-Kais. Mineral. Gesellschaft	1	0
Rye, R. A.	29	0
St. Bride Foundation Institute	0	1
Saskatchewan, Department of Agriculture	1	0
Schäfer, Prof. E. A.	0	1
Scott, Dr. W. R.	0	1
Seeber, H.	1	0
Senckenbergische naturforschende Gesellschaft	1	0
Seton, W. W.	0	15
Shearman, Dr. A. T.	1	0
Smithsonian Institution	9	6
Sociedad "Antonio Alzate"	1	0
,, Geológica Mexicana	0	1
Società Geografica Italiana	2	0
,, Italiana delle Scienze	1	0
,, reale di Napoli	3	3
Société belge de Géologie	1	1
,, de Géographie	2	0
,, de physique de Genève	0	1
,, des Sciences de Bucarest	0	1
,, géologique de France	1	0
,, hollandaise des Sciences	1	0
,, linnéenne de Bordeaux	1	0
,, littéraire de Buda-Pest	2	0
,, scientifique de Varsovie	1	0
Society of Chemical Industry	1	0
,, of Engineers	1	0
,, of Experimental Biology	1	0
,, of Incorporated Accountants	1	0
Soddy, F.	0	2
M. Solomon, J.	0	1
Somersetshire Archæological and Natural History Society	1	0
South African Public Library, Cape Town	1	0
,, Wales Institute of Engineers	1	0
,, Western Polytechnic Institute	0	1
Soyez-le-Roy, Madame L.	1	0
Spearman, Prof. C.	1	0
Staatsbibliothek, Munich	1	0
Stebbing, W.	2	0
Stonyhurst College	0	1
Strong, Mrs. S. A.	1	0
Surgeon-General, U.S.A.	1	0
Sydney Technical College	1	0
Teubner, B. G.	1	0
Thomas, P. V.	8	0
Thomson, Dr. J. M.	1	0
Tokyo Zoological Society	0	1
Toynbee, Dr. P.	22	7
Transvaal Museum	0	1
Treasury, H.M.	2	0
Tufts College, Mass.	0	1
United States Coast Survey	1	0
,, ,, Department of Agriculture	2	3
,, ,, Geological Survey	16	46
,, ,, Naval Observatory	0	1
M. United Synagogue	1	0
University Club, New York	1	0
,, College, Dublin	1	0
,, ,, Dundee	1	0
,, ,, Exeter	0	1
,, ,, Galway	1	0
,, ,, Hospital Med. School	2	0
,, ,, London, Chem. & Phys. Soc.	4	0
,, ,, London, Union Society	9	0
,, ,, North Wales.	1	0
,, ,, Nottingham	2	0

	Vols.	Pmph.
University College of South Wales	1	0
,, Correspondence College	2	0
,, Library, Cambridge ..	0	1
,, of Aberdeen	2	0
,, of Adelaide	1	0
,, of Birmingham	1	0
,, of Bristol	1	0
,, of California	7	0
,, of Coimbra	0	2
,, of Durham	2	0
,, of Edinburgh	2	0
,, of Geneva	0	1
,, of Glasgow	1	0
,, of Göttingen	0	4
,, of Havana	2	1
,, of Illinois	1	0
,, of Jena	0	2
,, of Leeds	1	0
,, of Madras	3	0
,, of Manchester	1	0
,, of Melbourne	1	0
,, of Nebraska	4	1
,, of Padua	1	0
University of the Panjab	2	0
,, of Princetown, N.J. ..	1	0
,, of St. Andrews	2	1
,, of Sheffield	2	0
,, of Sydney	1	0
,, of Tokyo	2	0
,, of Toronto	1	7
,, of Upsala	1	56
,, of Utrecht	1	0
,, of Virginia	1	2
Videnskabs-Selskabet i Christiania.	4	0
,, ,, i Copenhagen	1	1
Wale, W.	0	1
Willoughby, Dr. L. A.	0	1
Wilson Ornithological Club	1	0
Woolley, C.	2	0
Worcester Polytechnic Institute, Mass.	1	0
Yale University	0	1
Yorkshire Geological Society	0	1
,, Naturalists' Union	1	0
,, Philosophical Society .	1	0
Zoological Society	2	1

APPENDIX IV.

List of Original Papers and other Publications from the various Departments of the College since the Dean's Report in the Calendar, 1911–12.

Department of Greek. (Professor Arthur Platt.)

Professor A. Platt.

(1) Homerica. (*Journal of Philology*, No. 63.)
(2) On Aristotle *de Animalium Incessu*. (*Ibid.*)
(3) Notes on Agamemnon. (*Ibid.*)
(4) Theognidea. (*Classical Review*, May 1912.)
(5) Oedipus Tyrannus 772. (*Classical Quarterly*, Oct. 1911.)
(6) On a fragment of Cercidas. (*Ibid.* Jan. 1912.)
(7) "Edward III." and Shakespeare's Sonnets. (*Modern Languages Quarterly*, Oct. 1911.)

Department of Sanskrit. (Professor L. D. Barnett.)

Professor L. D. Barnett.

(1) A Catalogue of Telugu Books in the British Museum. 1912. 4to.
(2) Reviews and Notes in the Journal of the Royal Asiatic Society and Indian Antiquary.

Department of Pali and Buddhist Literature.
(Mabel Haynes Bode.)

Mrs. Mabel H. Bode in collaboration with Professor Geiger of Erlangen.

The Mahawamsa or The Great Chronicle. (Translated into English by Wilhelm Geiger and Mabel Haynes Bode.) (*Oxford University Press*, 1912.)

Department of Hebrew. (Professor H. Gollancz.)

Professor H. Gollancz.

The Book of Protection, being a collection of Syriac Charms; with Translation, Introduction, Notes, etc. (Ready for publication.)

North Semitic Epigraphy. (Dr. H. Hirschfeld.)

Dr. H. Hirschfeld.

(1) Recent Theories on the Origin of the Alphabet. (*Journ. Roy. As. Soc.* Oct. 1911.)
(2) Ein Karäer über den von Mohammed gemachten Vorwurf jüdischer Torafälschung. (*Zeitschr. f. Assyr.* vol. xxvi.)
(3) Reviews in *J. R. A. S.* 1912:—
  (*a*) Harder, Arabic Chrestomathy. (Jan.)
  (*b*) Corpus Inscriptionum Semiticarum, pt. i. vol. ii. fasc. 4. (April.)
  (*c*) Sachau, Aramäische Papyrus und Ostraka, etc. (July.)

Department of English. (Professor W. P. Ker.)

Professor W. P. Ker.

(1) English Literature: Mediæval. (*Home University Library*, 1912.)
(2) Popular Philosophy. (*Hibbert Journal*, x. 2, Jan. 1912.)

Dr. R. W. Chambers.

(3) Widsith: a study in Old English heroic legend. (*Cambridge University Press*, 1912.)
(4) The British Museum Transcript of the Exeter Book. (*Anglia*, xxxv. 3.)

Agnes K. Foxwell.

(5) A Study of Sir Thomas Wyatt's poems. 1911.

Eileen O'Rourke.

(6) The Use of Mythological Subjects in Modern Poetry. (*John Oliver Hobbes Memorial Essay*, 1911.)

Gilbert Porteous.

(7) The Use of Mythological Subjects in Modern Poetry. (*John Oliver Hobbes Memorial Essay*, 1911.)

Department of French. (Professor L. M. Brandin.)

Professor L. M. Brandin.

(1) Reviews in the *Romania* and *Modern Language Teaching*.
(2) La Vie de Sainte Agathe, rédaction anglo-Normande rimée, *in* Mélanges Picot.

S. A. Richards.

(3) Some feminist writers of the XVIIth Century. (Thesis.)

H. Smitherman.

(4) Jean de Schelandre and the French Tragedy of the XVIth Century. (Thesis.)

Department of German. (Professor R. Priebsch.)

Professor R. Priebsch.

(1) Die beiden Fassungen des Briefes Schillers an Goethe vom 31. August 1794. (*Zeitschrift f. Bücherfreunde*, Septbr. Heft 1911.)
(2) "Grethke, warumb heffstu mi" etc. Das "Bauerlied" Simon Dachs. Contribution to the *Kuno Meyer Miscellany*: to appear shortly.
(3) Review of *Bibliographie der Middelnederl. taal- en letterkunde door L. D. Petit.* Leiden, 1910. (In *Mod. Lang. Review*, vii. 2, 277.)
(4) Reviews of *Die mittelalterl. poet. Paraphrase des Buches Hiob hgb. von T. E. Karsten* in *Deut. Lit. Zeitung*, vol. xxxii. col. 2009, and of *Die poet. Bearbeitung des Buches Daniel hgb. von A. Hübner, ibid.* vol. xxxiii. col. 1058.

Department of Italian. (Dr. Antonio Cippico.)

Dr. Antonio Cippico, Lecturer.

(1) *Elogio di Giovanni Pascoli.* (A lecture delivered in Vienna and in London.)
(2) *Pittori rappresentativi—William Strang.* (Siena: Vita d'Arte, 1912.)
(3) *The Romantic Age in Italian Literature.* (Three public lectures given at University College.)
(4) Reviews of books on Italian subjects in the *Times* (Literary Supplement), and articles in different Italian magazines.

Mr. Edmund G. Gardner (Barlow Lecturer).

(5) The Painters of the School of Ferrara. (Duckworth, 1911.)
(6) Introduction and Notes to the *Dialogues* of St. Gregory the Great. (Lee Warner, 1911.)
(7) The Mystical Aspect of Dante's *Vita Nuova.* (*The Quest*, April 1912.)
(8) A Platonick Discourse upon Love by Pico della Mirandola. (In *The Humanist's Library.*)
(9) Introduction and Critical Notes to Rossetti's *Early Italian Poets.* (In *Everyman's Library.*)
(10) Reviews of books on Italian subjects in the *Daily Chronicle.*

Department of Phonetics. (Mr. D. Jones.)

Mr. D. Jones.

(1) Various articles and reviews in *Le Maître Phonétique.*
(2) Review of Klinghardt and de Fourmestraux, *Französische Intonationsübungen*, in *Neuere Sprachen*, Oct. 1911.
(3) Bibliography of works on Phonetics suitable for Missionaries. (Board of Study for the Preparation of Missionaries, 1912.)

Department of History. (Professors F. C. Montague, A. F. Pollard, and Mr. M. O. B. Caspari.)

Professor Pollard.

(1) A History of England. (Home University Library, 1912.)
(2) Ireland as a Dependency, 1170–1782, in "The New Irish Constitution." (Hodder & Stoughton, 1912.)
(3) England und die katholische Kirche. (*Göttingischen gelehrten Anzeigen*, 1911.)
(4) The Position of Historical Study in the United Kingdom. (*League of the Empire*, July 1912.)
(5) *Historical Association Bulletin*, 1911. Chapter on Tudor History.
(6) Reviews and other Contributions to the *English Historical Review*, *The Times*, the *Morning Post*, and the *Nation*.

Mr. M. O. B. Caspari.

(7) On the Juratio Italiæ of 32 B.C. (*Classical Quarterly*, 1911, pp. 230–235.)
(8) *Year's Work in Classical Studies*, 1911. Chapter on *Greek History*.
(9) On the Ἀθηναίων Πολιτεία of [Xenophon]. (ΞΕΝΙΑ: University of Athens Anniversary Publication, pp. 25–32.)
(10) *On the Egyptian Expedition of 459–454. (*Classical Quarterly*.)
(11) **Historical Association Bulletin*, 1911. Chapter on Ancient History.
(12) *On some Problems of Roman Agrarian History (*Klio*).
(13) Reviews in *Journal of Hellenic Studies* and *English Historical Review*.

N. H. Baynes.

(14) In the *Cambridge Mediæval History*, vol. i.:—
c. III. Constantine's successors to Jovian: and the struggle with Persia. Pp. 55–86, and Bibliography.
c. VIII. The Dynasty of Valentinian and Theodosius the Great. Pp. 218–249, and Bibliography.
(15) Topographia Constantinopolitana. (*Journal of Hellenic Studies*, xxxi. pp. 266–268.)
(16) Some Notes on the Historical Poems of George of Pisidia. (*Classical Quarterly*, vi. pp. 82–90.)
(17) The Worship of the Horse in Persia. (*Classical Review*, xxvi. p. 50.)
(18) The Restoration of the Cross at Jerusalem. (*English Historical Review*, xxvii. pp. 287–299.)
19) The Date of the Avar Surprise. (*Byzantinische Zeitschrift*, xxi. pp. 110–128.)
(20) The Literary Construction of the History of Theophylactus Simocatta. (In ΞΕΝΙΑ: Hommage international à l'Université nationale de Grèce à l'occasion du soixante-quinzième Anniversaire de sa Fondation, pp. 32–41. Athens.)
(21) Reviews written for the *Journal of Hellenic Studies*, *English Historical Review*, and *Byzantinische Zeitschrift*.

* Not yet published.

Department of Archæology. (Professor E. A. Gardner.)

Professor E. A. Gardner.

(1) The new Evidence as to Phidias and the Sculptures of the Parthenon. (In ΞΕΝΙΑ: Anniversary publication of the University of Athens, 1912).
(2) Greek Sculpture. (In the *Journal of the Royal Society of Arts*, March 1912.)
(3) Various Reviews in the *Athenæum*, the *Journal of Hellenic Studies*, etc.

Miss D. G. Roberts.

(4) Theseus and the Robber Sciron. (In the *Journal of Hellenic Studies*, 1912, 1.)

Department of Assyriology. (Dr. T. G. Pinches.)

Dr. T. G. Pinches.

(1) An interesting Cylinder-Seal. *Proceedings of the Society of Biblical Archæology*, Nov. 1911.)
(2) Babylon from the Recent Excavations. (*Proceedings of the Society of Biblical Archæology*, March 1912; with Supplementary Note, "The Bird of Temple 'Z' at Babylon" in the *Proceedings* for May.)
(3) Tablets from Tel-loh in Private Collections. (*Journal of the Royal Asiatic Society* for Oct. 1911; with Appendix upon Names of Birds.)
(4) Light upon Early Babylonian History. (*Expository Times* for April 1912.)
(5) Conscience, Creed, and Crimes and Punishments. In Hasting's *Encyclopædia of Religion and Ethics*, vol. iv.

Department of Egyptology. (Professor W. M. Flinders Petrie.)

Professor Petrie and Students.

(1) The Labyrinth, Gerzeh, and Mazghouneh. 55 pp., 52 pls.

Professor Petrie.

(2) Roman Portraits and Memphis IV. 26 pp., 32 pls.
(3) The Formation of the Alphabet. 20 pp., 9 pls.

Margaret A. Murray.

(4) Elementary Coptic Grammar. 82 pp.

C. G. Seligmann and Margaret A. Murray.

(5) On the *Sa* sign. (*Man*, Aug. 1911.)
(6) Note upon an Egyptian Standard. (*Man*, Nov. 1911.)

Department of Philosophy. (Professor G. Dawes Hicks and Dr. A. Wolf.)

Professor Hicks.

(1) The Time Difficulty in Realist Theories of Perception. (*Proceedings of Aristotelian Society*, 1912.)
(2) The Nature of Sense-Data. (*Mind*, July 1912.)
(3) James Ward's "Realm of Ends." (Review, *Hibbert Journal*, July 1912.)
(4) Bergson and Theology. (*Inquirer*, April 27, 1912.)
(5) Survey of Philosophical Literature. (*Hibbert Journal*, January, April, and July 1912.)

Dr. A. Wolf.

(6) The Philosophy of Bergson. (*Jewish Review*, October 1911.)
(7) Teleology and Creative Evolution. (*Hibbert Journal*, January 1912.)
(8) Antirationalism. (*The C. M. Review of the London School of Economics*, May 1912.)
(9) Review of Dr. Barbour's *Philosophical Study of Christian Ethics*. (*Hibbert Journal*, July 1912.)

Department of Psychology. (Professor C. Spearman.)

Professor Spearman.

(1) Die Praktische Elimination des Einflusses der zufällingen Fehler von dem Korrelationskoeffizienten. (*Zeitschrift für angewandte Psychologie*, 1912.)
(2) Der Beobachtungsfehler in der Korrelationslehre. (*Zeitschrift für angewandte Psychologie*, 1912.)

B. Hart and Professor Spearman.

(3) General Ability, its Existence and Nature. (*Journal of Psychology* 1912.)
(4) Ueber die allgemeine geistige Leistungsfähigkeit. (Read before the German Society for Experimental Psychology, 1912.)

Mr. Carveth Read.

(5) The Function of Relations in Thought. (*Journal of Psychology* 1911.)

A. Abelson.

(6) The Measurement of Mental Ability of "Backward" Children. (*Journal of Psychology*, 1911.)

W. Sleight.

(7) Memory and Formal Training. (*Journal of Psychology*, 1911.)

Department of Political Economy. (Professor H. S. Foxwell.)

Professor H. S. Foxwell.

(1) Introduction to Mrs. Meredith's Translation of 'Die Bank von England im Dienste der Finanzverwaltung des Staates,' by Professor von Philippovich. Washington, 1911.

Mr. W. T. Layton.

(2) An Introduction to the Study of Prices, with special Reference to the History of the Nineteenth Century. 1912.

Department of Geography. (Professor L. W. Lyde.)

Professor L. W. Lyde.

The Proposed Tropical White-Man. (*Revue Economique.*)

Department of Roman Dutch Law. (Professor R. W. Lee.)

Professor Lee.

(1) Malicious Prosecution in Roman-Dutch Law. (*South African Law Journal*, February 1912.)
(2) The Intestate Succession of Husband and Wife in Roman-Dutch Law. (*Journal of Comparative Legislation*, May 1912.)
(3) Commercial Laws of the World. Vol. 15. South Africa (The Union of South Africa and Southern Rhodesia), by R. W. Lee & W. H. Stuart, Advocates of the Supreme Court of South Africa.)

Department of Constitutional Law and Legal History. (Acting-Professor J. H. Morgan.)

(1) The King and his Prerogative. (*Nineteenth Century*, August 1910.)
(2) Home Rule and Federation. (*Nineteenth Century*, June 1912.)
(3) The New Irish Constitution. (Hodder & Stoughton, 1912.)
(4) "The Seat of Authority in the Constitution" in *Modern British Problems* (ed. Montgomery, University of Giessen).

Department of Pure Mathematics. (Professor M. J. M. Hill.)

Professor M. J. M. Hill.

(1) Presidential Address to the London Branch of the Mathematical Association "On the Theory of Proportion." (*Mathematical Gazette*, Nos. 99 and 100, 1912.)

G. B. Jeffery.

(2) On a form of the Solution of Laplace's Equation suitable for Problems relating to Two Spheres. (*Proceedings of the Royal Society*, 1912.)

Department of Applied Statistics. (Professor Karl Pearson.)

(Including the Biometric and Eugenics Laboratories.)

Professor Karl Pearson.

(1) Mathematical Contributions to the Theory of Evolution. XVIII. On a Novel Method of Regarding the Association of two Variates classed solely in Alternate Categories. (*Drapers' Research Memoirs*, Biometric Series No. VII.)
(2) On the Appearance of Multiple Cases of Disease in the same House. (*Biometrika*, vol. viii. p. 404.)
(3) On "Cancer Houses" from the Data of Dr. Law Wells. (*Biometrika*, vol. viii. p. 430.)
(4) Supplement to the Memoir: On the Appearance of Multiple Cases of Disease in the Same House. (*Biometrika*, vol. ix.).
(5) On the General Theory of the Influence of Selection on Correlation and Variation. (*Biometrika*, vol. viii. p. 437.)
(6) The Fight against Tuberculosis and the Death-rate from Phthisis. (*Questions of the Day and of the Fray*, No. IV.)
(7) Tuberculosis: Heredity and Environment. (*Eugenics Laboratory Lecture Series* No. VIII.)
(8) The Problem of Practical Eugenics. Second Edition. (*Eugenics Laboratory Lecture Series* No. V.)
(9) The Scope and Importance to the State of the Science of National Eugenics. Third Edition. (*Eugenics Laboratory Lecture Series* No. I.)
(10) Social Problems: Their Treatment, Past, Present, and Future. (*Questions of the Day and the Fray*, No. V.)
(11) Darwinism, the Progress of Modern Medicine and Eugenics. The Cavendish Lecture for 1912. (At Press.)
(12) Probable Errors of Frequency Constants. Part II. Two Variates. (*Biometrika*, vol. ix. p. 1.)
(13) On the Probable Error of a Coefficient of Correlation found from a Fourfold Table. (*Biometrika*, vol. ix. p. .)
(14) On Natural Selection in Man. (*Royal Society Proc.* June 1911.)

Dr. David Heron.

(15) A Second Study of Extreme Alcoholism. (*Eugenics Laboratory Memoirs*, No. XVI.)

Ethel M. Elderton.

(16) On the Relation of Stature and Weight to Pigmentation. (*Biometrika*, vol. viii. p. 340.)
(17) On the Marriage of First Cousins. (*Eugenics Laboratory Lecture*, Series No. IV.)
(18) Report on the Falling Birth-rate of Great Britain. Part I. Northumbria. (Ready.)

Dr. H. Rischbieth and Amy Barrington.

(19) Treasury of Human Inheritance. Parts VII. & VIII. Dwarfism, with 49 Plates of Illustrations and 8 Plates of Pedigrees. (*Eugenics Laboratory Memoirs*, No. XV.)

Julia Bell.

(20) Treasury of Human Inheritance, Complete Index to Parts I. to VIII. with Frontispiece. (*Eugenics Laboratory Memoirs*, No. XVII.)
(21) Tables of the Rhinal Indices. (*Biometrika*, vol. viii. p. 338.)

A. M. Carr Saunders.

(22) Pigmentation in Relation to Selection and to Anthropometric Characters. (*Biometrika*, vol. viii. p. 354.)

H. Dorothy Smith (Mrs. Webster).

(23) A Study of Pygmy Crania, based on Skulls found in Egypt, with 18 Plates. (*Biometrika*, vol. viii. p. 262.)

Dr. Crewdson Benington, Karl Pearson, and others.

(24) A Study of the Negro Skull with Special Reference to the Congo and Gaboon Crania. (*Biometrika*, vol. viii. p. 292.)

P. F. Everitt.

(25) Supplementary Tables for finding the Correlation Coefficient from Tetrachoric Groupings. (*Biometrika*, vol. viii. p. 385).

H. J. Laski.

(26) A Mendelian View of Racial Heredity. (*Biometrika*, vol. viii. p. 424.)

Dr. E. C. Snow.

(27) The Intensity of Natural Selection in Man. (*Drapers' Company Research Memoirs*, Studies in National Deterioration, No. VIII.)
(28) The Influence of Selection and Assortative Mating on the Ancestral and Fraternal Correlations of a Mendelian Population. (*R. Soc. Proc.* vol. lxxxv. B, p. 195.) [The paper gives some of the results of a long memoir, ready for press.]
(29) Biometric Workers and Statistical Reviewers. (*Biometrika*, vol. viii. p. 456.)
(30) Natural Selection in Man, Second Memoir. (*Biometrika*, vol. ix.)

Dr. Charles Goring (with assistance from H. E. Soper).

(31) Report on the Mental and Physical Characters of 3000 Criminals. This Report has been presented to the Prison Commissioners, and it is understood that it will shortly be published.

Herbert E. Soper.

(32) On the Frequency Distribution of Coefficients of Correlation in Random Samples, and on the Standard Deviation of r to a Second Approximation. (*Biometrika*, vol. ix.)

Department of Physics. (Professor F. T. Trouton.)

Professor F. T. Trouton, F.R.S.

(1) The Mechanism of the Semi-permeable Membrane and a new Method of determining Osmotic Pressure. (*Proc. Roy. Soc.* A 86, 1912.)
(2) On Peculiarities in the Adsorption of Salts by Silica. (*Brit. Assoc. Report*, 1911.)

Assistant-Professor A. W. Porter, F.R.S.

(3) Notes on Viscosity. (*Phil. Mag.*, March 1912.)
(4) Tables Annuelles Internationales de Constantes. (*Compressibilité, Thermodynamics, etc.*)

Assistant-Professor A. W. Porter, F.R.S. and F. Edridge-Green.

(5) Negative after-images with pure Spectrum Colours. (*Proc. Roy. Soc.*, in type.)

Mr. N. Eumorfopoulos.

(6) The Expansion of Mercury and of Quartz. (*Phil. Mag.*, April 1912.)

Dr. A. O. Rankine.

(7) On the Viscosity of Gaseous Chlorine and Bromine. (*Proc. Roy. Soc.*, Feb. 1912.)

P. Phillips.

(8) On the Viscosity of Carbon Dioxide. (*Proc. Roy. Soc.*, 1912.)

R. G. Lunnon.

(9) Unilateral Conductivity of Sulphated Accumulators. (*Phil. Mag.*, April 1912.)
(10) The Latent Heat of Vaporisation from Aqueous Salt-solutions.

Department of Chemistry. (Professors Sir William Ramsay, and J. Norman Collie.)

Sir William Ramsay and Dr. R. Whytlaw-Gray.

(1) Atomic Weight of Radium. (*Proc. Roy. Soc.*, 1912)

Sir William Ramsay.

(2) Neon a product of Radioactive Change. (*Trans. Chem. Soc.*, 1912.)

Sir William Ramsay and J. I. O. Hasson.

(3) The Waters of the Thermal Springs of Bath. (*Trans. Chem. Soc.*, 1912.)

Professor J. N. COLLIE.

(4) On the Canadian Rocky Mountains north of the Yellow Head Pass. (*Alpine Journal*, 1912, and *Appalachian Club Journal*, Boston, 1912.)
(5) Exploration in the Rocky Mountains north of the Yellow Head Pass. (*The Geographical Journal*, 1912.)

Dr. N. T. M. WILSMORE.

(6) Annual Tables of Physical Constants: Electromotive Force. Vol. II. (in preparation).

Dr. R. WHYTLAW-GRAY, H. S. PATTERSON, and R. S. CRIPPS.

(7) Critical Constants and Orthobaric Densities of Xenon. (*Proc. Roy. Soc.*, 1912.)

Dr. W. C. McC. LEWIS.

(8) Beiträge zum studium des flüssigen Zustands. Part I. (*Zeit. Phys. Chem.*)
(9) Ditto, ditto. Part II. (*Zeit. Phys. Chem.*)
(10) Ditto, ditto. Part III. (*Zeit. Phys. Chem.*)

Dr. W. C. McC. LEWIS and A. ROSHDESTVENSKY.

(11) Electro-Capillary Pulsation. (*Trans. Far. Soc.*)
(12) Electro-Chemistry of Solution in Acetone. (*Trans. Chem. Soc.*)

Dr. W. McC. LEWIS.

(13) Note on the Iron-Carbon Equilibrium. (*Zeit. Elektrochen.*)

H. CHRISTOPHER and Dr. S. SMILES.

(14) Reaction of β-naphthosulphonium quinone. (*Trans. Chem. Soc.*)

W. G. PRESCOTT and Dr. S. SMILES.

(15) Thioindigo. (*Proc. Chem. Soc.*)

A. M. HUTCHINSON and Dr. S. SMILES.

(16) Syntheses of 3-oxy(1)thionaphthen. (*Trans. Chem. Soc.*)

C. R. CRYMBLE, K. ROSS, and Dr. S. SMILES.

(17) The two sulphides of β-naphthol. (*Trans. Chem. Soc.*)

T. J. NOLAN and Dr. S. SMILES.

(18) Interaction of Bromine with the sulphide of β-naphthol. (*Trans. Chem. Soc.*)

Dr. S. SMILES (with D. CHATTAWAY).

(19) Annual Report on Organic Chemistry. (*Chem. Soc.* 1912.)

H. Christopher.

(20) An apparatus for sublimation in a vacuum. (*Proc. Chem. Soc.*)

T. P. Hilditch.

(21) Rotatory power of normal homologous series. Part I. (*Chem. Soc.* 1912.)

T. P. Hilditch and H. Christopher.

(22) Rotatory power of normal homologous series. Part II. (*Chem. Soc.* 1912.)

C. R. Crymble.

(23) Absorption Spectra of Metallic Ions. (*Proc. Chem. Soc.* 1912)

H. T. Clarke.

(24) Relation between refractive power and reactivity. (*Trans. Chem. Soc.* 1911.)

P. May.

(25) Aromatic Antimony Compounds. Part III. (*Trans. Chem. Soc.*)

I. O. Masson.

(26) Precipitation of salts by the corresponding acids (Ready for publication.)

Department of Botany. (Professor F. W. Oliver.)

Professor F. W. Oliver.

(1) The Life-History of a Shingle Bank. (*Brit. Ass. Rep.* 1911.)
(2) The Shingle Beach as a plant habitat. (*New Phytol.* vol. xi. p. 73.)

Sarah M. Baker.

(3) On the Brown Seaweeds of the Salt Marsh. (*Linn. Soc. Journ., Bot.* vol. xl. Jan. 1912, p. 275.)

Mr. T. G. Hill and E. de Fraine.

(4) On the Seedling Structure of certain Centrospermeæ. (*Ann. of Bot.* vol. xxvi. p. 175, 1912.)

Mr. T. G. Hill.

(5) Notes on Laboratory Technique. (*New Phytol.* Feb. 1912.)

Mr. E. J. Salisbury.

(6) Polymorphism in the Flower of *Silene maritima*. (*New Phytol.* vol. xi. p. 7.)

R. C. McLean.

(7) A group of Rhizopods from the Carboniferous Period. (*Proc. Camb. Phil. Soc.* vol. xvi. p. 493.)
(8) Two Fossil Prothalli from the Carboniferous Period. (*New Phytol.* 1912.)

T. L. Prankerd.

(9) On the Structure of the Palæozoic seed *Lagenostoma ovoides*, Will. (*Linn. Soc. Journ., Bot.* 1912.) (In print.)

T. G. Hill and Miss E. de Fraine.

(10) On the Influence of Adult Habit on Seedling Structure. (*New Phytol.* July 1912.) (Printing.)

Department of Zoology. (Professor J. P. Hill.)

Elizabeth A. Fraser and Prof. J. P. Hill.

(1) On the Development of the Thymus, Thyroid, and Parathyroid Glands in the Vulpine Phalanger (*Trichosurus vulpecula*). (*Report of the British Association*, Dundee, 1912, Section D).

Dr. W. N. F. Woodland.

(2) On some Experimental Tests of Recent Views concerning the Physiology of Gas Production in Teleostean Fishes. (*Anatomischer Anzeiger*, Bd. xl. 1911, pp. 225–242 (3 text-figures).)

Mr. C. H. O'Donoghue.

(3) The Relation between the Corpus luteum and the Growth of the Mammary Gland. (*Proceedings of Physiological Society, Journal of Physiology*, 1911.)
(4) The Corpus Luteum in the Non-Pregnant *Dasyurus* and Polyovular Follicles in *Dasyurus*. (*Anatomischer Anzeiger*, 1912.)
(5) The Circulatory System of the Common Grass Snake (*Tropidonotus natrix*). (*Proceedings of Zoological Society*, 1912.)

Department of Physiology. (Professor E. H. Starling.)

Dr. W. M. Bayliss.

(1) A Class Experiment to Illustrate the Synthetic Action of Enzymes. (*Journal of Physiology*, 1912.)
(2) Further Note on Class Experiment to show Synthesis of Enzymes. (*Journal of Physiology*, 1912.)
(3) The Synthetic Properties of Anti-emulsin. (*Journal of Physiology*, 1912.)

Dr. F. W. Edridge-Green.

(4) Subjective and other Phenomena connected with the Retina. (*Journal of Physiology*, 1911.)
(5) A new Test for Colour Blindness. (*Journal of Physiology*, 1912.)
(6) Dichromatisches Sehen. (*Archiv f. d. ges. Physiol.* 1912.)
(7) Simultaneous Colour Contrast. (*Proceedings of the Royal Society*, 1912.)

Mr. C. Lovatt Evans.

(8) The Amyloclastic Property of Saliva. (*Journal of Physiology*, 1912.)
(9) A Criticism of Two Methods for the Determination of Amyloclastic Activity. (*Journal of Physiology*, 1912.)

F. P. Knowlton and Professor E. H. Starling.

10) The Influence of Variations in Temperature and Blood-Pressure on the Performance of the Isolated Mammalian Heart. (*Journal of Physiology*, 1912.)
(11) Ueber den Zuckerverbrauch im normalen und diabetischen Herzen. (*Centralblatt. f. Physiol.* 1912.)
(12) On the Nature of Pancreatic Diabetes. (*Proceedings of the Royal Society*, 1912.)

Dr. G. C. Mathison.

13) The Influence of Acids upon the Reduction of Arterial Blood. (*Journal of Physiology*, 1911.)

H. J. Page.

(14) Hydroxymethylphosphinic Acid and some Homologues. (*Transactions of the Chemical Society*, 1912.)

Dr. R. H. Aders Plimmer.

(15) Chemical Constitution of Proteins. Part I. 2nd Edition. (Longmanns, 1912.)

D. H. de Souza.

(16) Protection of Trypsin from Destruction by Heat. (*Journal of Physiology*, 1911).

Professor E. H. Starling.

(17) Principles of Human Physiology. (Churchill, 1912.)

M. Stephenson.

(18) The Nature of Animal Lactase. (*Biochemical Journal*, 1912.)

W. Stepp.

(19) On the Preparation of Secretin. (*Journal of Physiology*, 1912.)

Department of Pharmacology. (Professor A. R. Cushny.)

Professor A. R. Cushny.

(1) Irregularity of the Heart and Auricular Fibrillation. (*Amer. Journ. Med. Sciences*, June 1911.)
(2) On the action of Senecio Alkaloids and the Causation of Hepatic Cirrhosis in Cattle (Pictou, Molteno or Winton Disease). (*Journal of Pharmacology and Exp. Therapeutics*, ii. p. 531.)
(3) Der Adam Loeb, Zur Gefässwirkung des Arseniks. Verhandlungen der Gesellsch. Deutsch. Naturforscher u. Aerzte 1911, 489.

Department of Pathological Chemistry. (Professor Vaughan Harley.

Professor VAUGHAN HARLEY.

(1) Boracic Acid Poisoning. (*British Medical Journal.*)

R. H. CLARKE and E. E. HENDERSON.

(2) Atlas of Photographs of Sections of the Frozen Cranium and Brain of the Cat (*Felis domestica*). (*Journal für Psychologie and Neurologie*, Band 18, 1911.)

Department of Public Health. (Professor H. Kenwood.)

Professor KENWOOD.

(1) Village Water Supplies. (*Sanitary Record,* April 1912; *The Medical Press,* May 29th, 1912.)
(2) Annual Reports as Medical Officer of Health to the Bedfordshire County Council and Stoke Newington Metropolitan Borough (1911).
(3) Rural Housing. (In the Press.)
(4) The Land Purification of Sewage. (*Journal of the Royal Sanitary Institute*, June 1912.)
(5) Public Abattoirs. (*Publication of the London Model Abattoir Society*, 1912.)

Professor KENWOOD and RONALD T. HERDMAN.

(6) The Proportions of Fat and Sugar in the Food of the Artificially-Fed Infant. (*Journal of the Royal Sanitary Institute,* vol. xxxii.)

EMILY L. DOVE.

(7) The Danger of the Tubercle Bacillus in the Public Library Books. (Not yet completed.)
(8) Arsenic in Modern Wall Papers and Textile Articles. (*Journal of the Society of Medical Officer of Health*, 1912.)
(9) The Chemical and Bacteriological Examination of the Sewage Contamination of River Mud. (In the Press.)

F. MARCHANT.

(10) A Note on the Carbolic Acid coefficient of Disinfectants (*Lancet, and Journal of Clinical Research.*)

Department of Mechanical Engineering. (Professor J. D. Cormack.)

Professor J. D. CORMACK.

(1) Institution of Mechanical Engineers: Friction of Gears Committee. "Bibliography of Work on the Friction of Gears." J. D. Cormack, Reporter.
(2) Institution of Civil Engineers: Committee on Reinforced Concrete. "Statement on Reinforced Concrete Calculations," by J. D. Cormack and F. E. Wentworth-Shields, M.Inst.C.E.

E. M. Eden, W. N. Rose, and F. L. Cunningham.

(3) The Endurance of Metals: Experiments on Rotating Beams at University College, London. (*Proceedings, Institution of Mechanical Engineers*, 1911, Part IV.)

Mr. W. J. Goudie.

(4) A Graphical Method of Determining Dummy-Piston Leakage in the Parsons Steam Turbine. (*Engineering Review*, Jan. 1912.)

E. E. Farrant.

(5) Retaining Walls. — Graduate Section: Institution of Civil Engineers. A premium was awarded for this paper.

Mr. A. H. Barker.

(6) The Theory and Practice of Heating and Ventilation. *Caxton Press*, 199 Strand, W.C.)

(7) Observations on the Conditions of Heating Guarantees. (Read before the Inst. of Heating and Ventilating Engineers, 1912. See *Proceedings*.)

Department of Electrical Engineering. (Professor J. A. Fleming.)

Professor J. A. Fleming.

(1) The Propagation of Electric Currents in Telephone and Telegraph Conductors. (Constable & Co.) 2nd Edition.

Professor Fleming and Mr. G. B. Dyke.

(2) The Power Factor and Conductivity of Dielectrics for Alternating Currents of Telephonic Frequency and at Various Temperatures.
Paper read before The Institution of Electrical Engineers, London, March 1912. Awarded the Institution Premium.

P. R. Coursey and G. G. Dawson.

(3) Some Experiments with Wireless Telegraph Transmitters and a description of an Inexpensive Apparatus for Short Distances.
Read at a Students' Meeting of the Institution of Electrical Engineers. Awarded a Student's Premium.

APPENDIX VI.

Return of Attendances of the Members of the College Committee from 8th February, 1912, to 31st January, 1913.

Members of College Committee.	Attendances.			Total.
	College Committee.	Managing Sub-Committee.	Special Sub-Committees.	
No. of Meetings	10	9	30	49
Chairman (Lord Reay)	5	0	5	10
Vice-Chairman (Sir Edward Busk)	5	0	1	6
Treasurer (Sir Felix Schuster) * .	0	0	1	1
Principal (Sir Henry A. Miers) *.	7	6	8	21
Provost (Dr. T. Gregory Foster) *.	10	9	28	47
Mr. Walter Baily *	4	6	4	14
Dr. J. Bourne Benson *	8	9	20	37
Prof. Sir John R. Bradford	3	0	0	3
Prof. J. N. Collie *	2	3	6	11
Sir William J. Collins.....	1	0	0	1
Prof. J. D. Cormack *	9	7	11	27
Prof. A. R. Cushny *	7	7	2	16
Dr. K. R. Fletcher *	7	6	9	22
Dr. G. Carey Foster *	8	6	14	28
Prof. E. A. Gardner *	6	8	2	16
Sir A. Pearce Gould	0	0	0	0
The Hon. Rupert Guinness *	1	0	1	2
Mr. C. Hawksley	4	0	7	11
The Rt. Hon. Lord Herschell * ..	1	1	3	5
Dr. T. Lambert Mears *	4	3	4	11
Mr. W. E. Mullins *	9	8	7	24
Prof. A. F. Murison *	6	7	2	15
Dr. W. Blake Odgers	4	0	0	4
Mr. A. T. Taylor *	3	0	4	7

* Member of Managing Sub-Committee.

APPENDIX VI.

AUDITOR'S REPORT.

To the Senate of the
University of London.

GENTLEMEN,

Having audited the accounts of the University College, with the books, accounts and vouchers, for the year ended August 31, 1912, I have to report as follows:—

The accounts presented consist of:—

1. *College Establishment Income and Expenditure Account.*
2. *College Trust Funds Income and Expenditure Account.*
3. *General Balance Sheet of the College.*
4. *Pension Fund Balance Sheet.*
5. *Trust Funds Balance Sheet* (*including a Schedule of Invested Funds*).

1. COLLEGE ESTABLISHMENT INCOME AND EXPENDITURE ACCOUNT:

You will see that the result of the year's working (after including debtors and creditors) shows an Income of £55,656 17*s.* 8*d.* and an Expenditure of £50,108 18*s.* 4*d.*, an excess of Working Income over Expenditure of £5,547 19*s.* 4*d.* This result has been accomplished chiefly by the increase of the Treasury Grant, from £11,000 to £16,000 and the receipt in the year of £1,250 belonging to the previous year, or £6,250. Cæteris paribus, without this increase, the Expenditure of 1911–12 would have exceeded the Income by £702 0*s.* 8*d.*, as compared with the adverse balance of last year of £2,775 0*s.* 5*d.* and in 1909–10, £286 10*s.* 4*d.* These latter sums, amounting together to £3,061 10*s.* 9*d.*, had been debited to the "College General Capital Account." In accordance with your instructions this sum of £3,061 10*s.* 9*d.* has been brought back again this year to the College Establishment Income & Expenditure Account (as shown in the Account). On August 31, 1911, the "Re-arrangement and Re-equipment of Buildings Account" was in debit £1,328 5*s.* 8*d.* and carried to a "Suspense Account" pending the

receipt of Income to clear it. This amount has been debited to the "College Establishment Income & Expenditure Account." It will be seen, on reference to this Account, that the above sums of £3,061 10*s.* 9*d.* and £1,328 5*s.* 8*d.* (together £4,389 16*s.* 5*d.*) have been so debited, leaving a balance of £1,158 2*s.* 11*d.*, which has been transferred to a "College General Income & Expenditure Account" as shown in the "General Balance Sheet of the College." To this "College General Income & Expenditure Account" will in future years be transferred the balance (surplus or deficiency) of the "College Establishment Income & Expenditure Account" (showing the year's working), except so far as by Resolution of the College Committee it may be dealt with otherwise.

2. College Trust Funds Income and Expenditure Account:

As last year, not only the Receipts of the various Trusts, but the amount of Income available (after adjusting the previous year's balances) for employment in the year, has been shown. It will be seen that the Income was, Receipts £8,664 15*s.* 0*d.* (£9,090 5*s.* 10*d.* in 1910–11), increased by the addition of the initial balances to £10,027 1*s.* 3*d.* (£10,453 17*s.* 1*d.* in 1910–11); while the Expenditure was £8,674 0*s.* 10*d.* (£9,091 10*s.* 10*d.* in 1910–11), leaving the balance to be carried forward £1,353 0*s.* 5*d.* (£1,362 6*s.* 3*d.* in 1910–11).

3. General Balance Sheet of the College:

On the debit (or "Liabilities and Capital") side of the Balance-Sheet, you will find:—

	£	*s.*	*d.*
College General Capital Account (including £60,756 2*s.* 2*d.* received from the Equipment and Endowment Executive Committee, and Lady Goldsmid's Fund £3,053 11*s.* 1*d.*).			
As per last Balance Sheet .. £223,873 6 6			
Transferred from College Establishment Income and Expenditure Account 3,061 10 9			
	226,934	17	3
College General Income and Expenditure Account	1,158	2	11
Trust Funds Revenue Account	1,353	0	5
Sundry Creditors	2,166	2	9
Outstanding Accounts and Unexpended balances..	6,379	14	0
Total.....	£237,991	17	4

While on the credit (or "Assets") side, we have :—

	£	s.	d.
College Freehold Land, Buildings, Furniture, Library, &c. (approximate valuation of August 31, 1897) £186,000 0 0			
Physiology Institute 21,842 14 10			
	207,842	14	10
Suspense Account, Sculpture Studios	243	19	9
Investments: Maintenance Fund ..£14,017 4 3			
Lady Goldsmid Fund 3,053 11 1			
	17,070	15	4
Gower Street Houses (at cost)	4,500	0	0
Refectory Department, Plant &c.....	422	4	10
Outstanding Accounts	797	11	7
Deposit in respect of purchase of All Saints Church	295	0	0
Deposit with Bankers	6,120	3	7
Cash at Bank (Current Account), in transit and in hand	699	7	5
Total.....	£237,991	17	4

4. Pension Fund Balance Sheet :

As last year, while detailed accounts have been prepared for the "Committee of Administration of the Pension Fund," it has been thought only necessary to include in the College Accounts, presented to you, the Balance Sheet of the Fund as on August 31, 1912. From this, you will see that the total contributions (one moiety Beneficiaries' and one moiety College) to August 31, 1912, amounted to £5,950 9*s.* 9*d.*, while the interest credited on this sum was £142 11*s.* 10*d.*—together £6,093 1*s.* 7*d.* The amount at credit of the Augmentation Fund is £119 19*s.* 7*d.* (as last year). The College appears as a creditor for £23 8*s.* 4*d.* It will be seen that the amount in the hands of the Commercial Union Assurance Co. on August 31, 1912, was (with interest)..... £6,236 9 6

	£	s.	d.
representing :—The Beneficiaries Accounts	£6,093	1	7
Augmentation Account	119	19	7
Total Fund	£6,213	1	2
Creditors	23	8	4
	£6,236	9	6

5. Trust Funds Balance Sheet (including a Schedule of Invested Funds):

On the debit (or "Liabilities and Capital") side of the Balance-Sheet, you will find:—

	£	s.	d.
College Trust Funds Capital Account	278,078	2	10
Do. do. Revenue do.	1,353	0	5
	£279,431	3	3

While on the credit (or "Assets") side we have:—

	£	s.	d.
Investments at cost ..... (the approximate value of the day being £245,114 6*s.* 10*d.*)	278,078	2	10
Amount owing by the College (Trust Income in hand)	1,353	0	5
	£279,431	3	3

I have pleasure in again testifying to the care and ability shown by your Accountant in his work, while I have to thank the Provost once more for his uniform courtesy and kindness.

I am, Gentlemen,

Yours faithfully,

G. WALTER KNOX,
Auditor to the University.

16 Finsbury Circus, London, E.C.
December 28th, 1912.

APPENDIX VII.

UNIVERSITY OF LONDON, UNIVERSITY COLLEGE.

ACCOUNTS

For the year ended August 31st, 1912.

College Establishment—Income and Expenditure.

College Trust Funds—Income and Expenditure.

General Balance Sheet.

Pension Fund Balance Sheet.

Trust Funds Balance Sheet.

Schedule of Investments.

UNIVERSITY OF LONDON,

Dr. COLLEGE ESTABLISHMENT INCOME AND EXPENDITURE

EXPENDITURE.	1911–1912. £ s. d.	£ s. d.	1910–1911. £ s. d.
To **Salaries Account:—**			
Professors' Stipends	7,695 9 4		
Do. do. (Paid out of Grants)	3,030 0 0		
Do. Share of Fees (including £1,402 for Intercollegiate Teaching)	7,501 9 8		
Provost, Lady Superintendent and Administrative Staff	2,794 13 7		
Assistants' Salaries	7,804 10 8		
Do. do. (Paid out of Grants)	2,197 10 4		
Librarian and Library Staff	823 4 0		
Professors and Lecturers (Special Courses)	285 0 0		
		32,131 17 7	31,399 13 4
To **Wages:—**			
Chemistry Department	282 11 6		
Museum and Laboratory Attendants	1,561 8 1		
Do. (Paid out of Grants)	303 0 6		
Beadles and Porters (including Liveries)	1,841 4 4		
Attendance on Evening Classes and Societies	76 19 5		
		4,065 3 10	3,754 0 8
		36,197 1 5	35,153 14 0
To **Apparatus, Books, etc.:—**			
Libraries	600 0 0		
Do. (Paid out of Grants)	82 16 3		
Apparatus (Paid out of Drapers' Company Grant)	172 0 2		
Do. (Paid out of Subscriptions and Donations)	369 3 6		
Do. (Paid out of Grants)	118 8 6		
Do. (Paid out of Practical Anatomy Dissection Fees)	90 6 1		
Slade School Fine Art Models	154 16 8		
Departmental Apparatus Grants	1,693 1 7		
		3,280 12 9	3,244 7 8
To **Fuel, Light, and Power:—**			
Coal	657 9 8		
Gas	353 3 11		
Electric Light and Power	606 6 5		
		1,617 0 0	1,904 4 2
To **Rents, Rates, Taxes, and Insurances** (including Insurance Act).	.....	2,558 10 3	2,455 15 9
To **Sculpture Studios**	343 19 9		
Less amount taken to Suspense Account to be provided out of receipts of subsequent years	243 19 9		
		100 0 0	.....
To **General Expenses:—**			
Advertising, Printing, Stationery, etc.	1,230 15 7		
Auditor's Fee	31 10 0		
Examiners' Fees	4 4 0		
Interest on Bank Overdraft	7 2 0		
Law Expenses	9 9 6		
Medical Entrance Scholarship	107 2 0		
Payments to Union Societies (being Subscriptions included in Composition Fees)	822 4 6		
Postages etc.	461 9 4		
Prizes and Medals	117 19 11		
Grant towards Refectory Deficit (1911–12)	210 0 0		
Scholarships and Prizes (Paid out of Grants)	201 2 3		
		3,202 19 1	3,119 18 7
To **Repairs, Furniture, Stores, and Grounds:—**			
Repairs and Ordinary Maintenance	1,052 11 6		
Works Department (including Pension)	990 1 2		
Furniture	99 2 0		
Grounds	85 13 7		
Household Stores	162 1 1		
Athletic Grounds	125 0 0		
		2,514 9 4	2,953 10 9
To **Pension Fund:—**			
Grant by College	.....	.....	207 7 6
College Contribution	.....	638 5 6	615 2 8
Total working Expenditure	.....	**50,108 18 4**	49,654 1 1
To **College General Capital Account** (being the excess of Expenditure over Income in 1909–10 and 1910–11)	3,061 10 9		
To **Suspense Account,** Re-arrangement and Re-equipment of Buildings (balance written off)	1,328 5 8		
		4,389 16 5	.....
		54,498 14 9	
To **Balance** carried to College General Income and Expenditure Account (see Balance Sheet, page 88)	.....	1,158 2 11	
		£55,656 17 8	£49,654 1 1

UNIVERSITY COLLEGE.

ACCOUNT FOR THE YEAR ENDED AUGUST 31ST, 1912. *Cr.*

INCOME.

	£ s. d.	£ s. d.	1911–1912. £ s. d.	1910–1911. £ s. d.
By **Fees**:—				
General (including £1,259 for Intercollegiate Teaching)	25,708 0 4			
Registration and Examination	195 16 6			
		25,903 16 10		23,744 15 0
By **Practical Anatomy Dissection Fees**:—				
Balance brought forward from Session 1910–11	286 14 6			
Received, Session 1911–12	102 7 6			
	389 2 0			
Less balance carried forward to Session 1912–13	298 15 11			
		90 6 1		27 16 11
By **Interest and Dividends**:—				
Interest on Deposits	204 10 3			
Goldsmid Fund, Balance of Interest of	463 15 0			
Lady Goldsmid Fund	111 15 10			
Maintenance Fund	429 13 4			
Do. Do. (Bawden)	640 0 0			
Holme Fund	341 0 4			
Library Deposit Fund	10 6 0			
Trust Funds (For Administration Charges)	320 1 0			
		2,521 1 9		2,558 12 2
By **Rents, Sales, etc.**:—				
Houses and Land	142 13 9			
Refectory and Societies	157 17 2			
Lockers	145 12 0			
Sales of Calendars, etc.	58 18 8			
Chemistry Department	141 5 4			
Chemistry Department Stores, Amount repaid in respect of initial expenditure	35 0 0			
Miscellaneous	96 10 11			
		777 17 10		842 14 11
By **Grants**:—				
Treasury Grant (including £1,250 received in respect of the previous year)	17,250 0 0			
Board of Education (Professional Education)	1,884 5 0			
London County Council	£1,637 16 6			
Less amount included in Fees Account	£ s. d. 1,612 16 0			
Examination Fees	10 0 0			
Apparatus Charges	15 0 6			
	1,637 16 6	.....		
Ditto (Heating and Ventilating Engineering):—	£ s. d.			
Amount brought forward from Session 1910–11.	100 0 0			
Received, Session 1911–12	200 0 0			
		300 0 0		
Ditto (Lectures for Teachers)	700 0 0			
Less amount transferred for History Library	54 12 0			
		645 8 0		
University Account (Chemistry, German, and Physiology)		3,375 0 0		
	£ s. d.			
University Account (Libraries)	450 0 0			
Less balance carried forward to Session 1912–13	385 19 0			
		64 1 0		
Crabb Robinson Trustees		175 0 0		
Gladstone Memorial Trustees: Prize		10 0 0		
			23,703 14 0	16,143 10 0
	£ s. d.			
Benington Research Studentship	50 0 0			
Less balance carried forward to Session 1912–13	50 0 0			
		.....		
Carpenters' Company (Architecture)		250 0 0		
Chadwick Fund (Municipal Engineering and Hygiene)		500 0 0		
Drapers' Company (Applied Statistics):—	£ s. d.			
Balance brought forward from Session 1910–11	467 7 8			
Received, Session 1911–12 (including £107 15*s.* 10*d.* for Sale of Memoirs)	507 15 10			
	975 3 6			
Less balance carried forward to Session 1912–13.	583 3 4			
		392 0 2		
Indian School Grant		300 0 0		
			1,442 0 2	1,704 5 10
(Total Grants (1911–12) £25,145 14*s.* 2*d.*; (1910–11) £17,847 15*s.* 10*d.*)				
By **Subscriptions and Donations**		.....	1,213 6 2	1,233 9 3
By **Pension Fund**:—				
For Administration charges		.....	4 14 10	623 16 7
Total working Income			55,656 17 8	46,879 0 8
By **College General Capital Account**, Balance on the Year being Excess of Working Expenditure over Working Income		.....	.....	2,775 0 5
				49,654 1 1
			£55,656 17 8	£49,654 1 1

UNIVERSITY OF LONDON,

Dr. COLLEGE TRUST FUNDS INCOME AND EXPENDITURE

EXPENDITURE.

	1911-1912. £ s. d.	1910-1911. £ s. d.
To Application of Trust Funds Dividends, viz.:—		
Andrews: Scholars and Expenses	204 12 0	219 7 0
Astor: Professors	528 15 4	556 10 9
Barlow: Lecturer and Expenses	25 12 0	25 12 3
Bayliss: Apparatus	59 12 8	70 1 10
Berridge: Professor, Assistant, Apparatus and Expenses	298 3 1	315 0 11
Bucknill: Scholars and Expenses	111 4 0	146 9 0
Campbell Clarke: Scholar and Expenses	42 8 0	42 5 0
Celtic: Expenses	4 9	.....
Cluff: Prize	.....	15 0 0
Crabb Robinson (Flaxman): Beadle and Repairs to Flaxman Gallery.	90 14 0	88 14 6
De Moleyns: Electrical Apparatus	15 0 8	15 16 5
Derby: Scholars and Expenses	63 3 0	62 19 0
Edwards: Professor	151 0 8	158 11 8
Fielden: Professor, Scholar and Expenses	210 10 0	209 18 0
Foster, Carey: Prize	6 6 0	5 3 0
Geological Museum: Apparatus	15 0 0	7 0 7
Goldsmid Professorship: Professors	98 14 0	104 1 9
Goldsmid, Sir F. H., Bart.: Professors and Expenses	447 17 0	445 4 0
Do. Do. Do.: College Establishment	463 15 0	511 14 7
Goodall: Expenses	1 1 0	9 12 0
Grant: Purchase and binding of Books and Expenses	70 17 3	86 6 11
Griffith: Assistants	69 0 0	68 0 0
Grote: Professor	222 14 0	234 6 0
Grove: Expenses	3 6	.....
Head: Prize and Expenses	4 8 9	4 0 10
Heimann Medals	1 11 0	1 5 0
Hobbes, John Oliver: Scholar and Expenses	21 6 0	26 3 0
Hollier: Professor, Scholars, and Expenses	149 1 0	161 11 0
Hume: Scholar, Examiner and Expenses	51 17 0	46 10 0
Jessel: Student and Expenses	88 2 0	70 14 0
Jews' Commemoration: Scholars and Expenses	31 15 0	31 12 0
Jodrell Physiology: Professor	264 13 8	278 11 9
Jodrell Zoology: Professor	252 14 0	265 19 5
Lewis, Bunnell: Prizes and Expenses	46 11 6	19 9 0
Lloyd: Scholar and Expenses	30 16 11	12 0
Malden: Scholar, Medal and Expenses	22 3 0	22 1 0
Melvill Nettleship: Prize	4 0 0	3 19 4
Mill: Scholars and Expenses	31 12 0	41 10 0
Mocatta: Purchase and binding of Books and Expenses	110 15 1	103 10 0
Morley: Medal	13 4	14 1
Morris Bursary: Bursar	16 0 0	16 0 0
Morris Prize: Prize	3 5 0	3 1 6
Newmarch: Lecturer	60 19 2	64 15 2
Peel Memorial: Books, etc. for Working Men's Societies	94 19 9	37 12 9
Peene: Purchase and binding of Books	52 13 2	67 16 0
Pender Memorial: Electrical Apparatus	131 11 10	145 8 10
Postgate: Prize	5 0 0	.....
Quain: Professors, Assistants, Apparatus and Expenses	1,677 19 0	1,763 1 0
Quain Law: Professor and Expenses	384 5 8	404 7 6
Retired Professors: Dividends Invested	250 0 0	250 0 0
Ricardo: Purchase of Books and Expenses	22 8 0	132 4 0
Rothschild, Hester & L. M. (Halfon): Prizes and Expenses	42 12 0	102 7 0
Rothschild, Mayer de: Scholars and Expenses	86 10 0	2 8 0
Schäfer: Prize	.....	18 0 0
Sharpey: Scholar	111 0 8	100 0 0
Slade Prizes: Prizes and Expenses	68 18 0	79 16 1
Slade Professorship: Professor	231 14 0	248 11 4
Slade Scholarships: Scholars, Models and Expenses	319 14 4	337 15 4
Thompson-Yates: Professor	31 10 0	33 2 10
Tuffnell: Scholar and Expenses	89 10 0	169 1 0
Warr: Bursar	.....	5 0 0
Watson, Ellen: Scholar and Expenses	16 1 0	16 0 0
West: Scholars and Expenses	61 14 0	1 12 0
Women's History: Purchase of Books	6 17 6	7 6 10
Yates Archæology: Professor and Expenses	302 7 8	326 8 11
Yates Geology: Professor and Expenses	298 1 11	283 17 2
	£8,674 0 10	£9,091 10 10
To Balance (see Balance Sheet, page 92)	1,353 0 5	1,362 6 3
	£10,027 1 3	£10,453 17 1

UNIVERSITY COLLEGE.

ACCOUNT FOR THE YEAR ENDED AUGUST 31ST, 1912. *Cr.*

INCOME.

	1911-1912. Receipts during the Year.	1911-1912. Total Income (after adjusting the previous year's balances).	1910-1911.
By Trust Funds Dividends, viz.:—	£ s. d.	£ s. d.	£ s. d.
Andrews	199 0 4	194 9 1	214 15 9
Astor	528 15 4	528 15 4	556 10 9
Barlow	25 12 0	26 18 9	26 19 0
Bayliss	59 10 1	59 12 8	70 4 5
Berridge	297 19 10	298 3 1	315 4 2
Bucknill	158 2 4	492 17 10	481 4 6
Campbell Clarke	45 13 4	60 8 11	57 0 7
Celtic	10 6 0	10 6 0	.....
Cluff	8 0 0	4 11 11	11 11 11
Crabb Robinson (Flaxman)	90 0 2	136 14 2	135 8 6
De Moleyns	15 0 8	15 0 8	15 16 5
Derby	59 12 6	111 3 3	114 9 9
Edwards	151 0 8	155 11 4	163 2 4
Fielden	200 0 0	203 9 2	213 7 2
Foster, Carey	5 17 8	15 2 4	14 7 8
Geological Museum	10 15 0	15 0 6	11 6 1
Goldsmid Professorships	98 14 0	98 14 0	104 1 9
Goldsmid, Sir F. H., Bart	911 12 0	911 12 0	956 18 7
Goodall	20 5 6	80 1 3	69 7 9
Grant	66 0 8	67 7 3	87 13 6
Griffith	66 11 8	69 2 8	70 11 0
Grote	222 14 0	222 14 0	234 6 0
Head	4 19 2	7 12 7	6 14 3
Heimann	1 15 0	3 16 9	3 6 9
Hobbes, John Oliver (Mrs. Craigie)	26 19 4	51 19 6	51 3 2
Hollier	152 13 8	153 0 1	161 17 5
Hume	72 10 0	126 6 3	100 6 3
Jessel	62 11 5	124 17 1	132 19 8
Jews' Commemoration	33 1 0	44 7 11	42 18 11
Jodrell Physiology	264 13 8	264 13 8	278 11 9
Jodrell Zoology	252 14 0	252 14 0	265 19 5
Lewis, Bunnell	31 14 1	87 3 2	74 18 1
Lloyd	15 9 6	49 13 5	34 15 11
Malden	24 14 8	42 18 7	40 4 11
Melvill Nettleship	4 0 0	6 7 4	6 6 8
Mill	30 15 4	34 16 9	45 11 5
Mocatta	78 16 6	93 19 1	118 12 7
Morley	13 4	13 4	14 1
Morris Bursary	17 10 4	47 16 0	46 5 8
Morris Prize	3 0 8	6 16 10	6 17 8
Newmarch	60 19 2	60 19 2	64 15 2
Peel Memorial	43 12 8	95 4 9	89 4 10
Peene	51 17 0	52 13 1	68 12 1
Pender Memorial	131 11 10	131 11 10	145 8 10
Postgate	3 7 4	16 1 7	12 14 3
Quain	1,674 9 7	1,678 14 7	1,767 6 0
Quain Law	384 5 8	386 19 0	407 0 10
Retired Professors	267 16 8	469 16 3	451 19 7
Ricardo	47 17 10	14 17 4	99 3 6
Rothschild, Hester & L. M. (Halfon)	51 0 6	70 4 0	121 10 6
Rothschild, Mayer de	47 12 4	103 5 4	58 1 0
Schäfer	6 3 0	14 12 7	26 9 7
Sharpey	102 4 4	111 0 8	108 16 4
Slade Prizes	73 15 8	118 11 4	124 11 9
Slade Professorship	231 14 0	231 14 0	248 11 4
Slade Scholarships	319 14 4	319 14 4	337 15 4
Thompson-Yates	31 10 0	31 10 0	33 2 10
Tuffnell	180 7 4	231 11 6	220 5 2
Warr	3 0 8	6 12 6	8 11 10
Watson, Ellen	19 12 4	37 8 2	33 15 10
West	32 1 0	73 4 4	42 15 4
Women's History	6 17 8	6 17 8	7 6 10
Yates Archæology	302 7 8	302 7 8	326 8 11
Yates Geology	261 1 0	284 1 1	306 17 3
	£8,664 15 0	£10,027 1 3	£10,453 17 1

UNIVERSITY OF LONDON,

Dr. GENERAL BALANCE SHEET OF THE

LIABILITIES AND CAPITAL.

	£ s. d.	£ s. d.
To COLLEGE GENERAL CAPITAL ACCOUNT.		
Balance, August 31st, 1911	223,873 6 6	
Add College Establishment Income and Expenditure Account. (See Account, page 84)	3,061 10 9	
		226,934 17 3
To COLLEGE GENERAL INCOME AND EXPENDITURE ACCOUNT ... (See Account, page 84.)	.....	1,158 2 11
To TRUST FUNDS REVENUE ACCOUNT. (See Account, page 86) ...	.....	1,353 0 5
To SUNDRY CREDITORS	.....	2,166 2 9
To SUNDRY OUTSTANDING ACCOUNTS AND UNEXPENDED BALANCES.		
Apparatus and Keys Deposits	100 0 0	
Arts Libraries	82 19 0	
Benington Researeh Studentship	50 0 0	
Celtic Chair Fund	14 11 1	
Chemistry Department Stores Account	19 4 7	
Composition Fees Suspense Account	1,365 16 0	
Drapers' Company Grant	583 3 4	
Jevons Memorial Fund	35 0 0	
Library Duplicate Fund	20 18 11	
University Account (Libraries)	385 19 0	
Medical Entrance Exhibitions	11 16 7	
Mocatta Memorial Library Fund	105 9 1	
Morison, Rosa, Scholarship Fund	2,000 0 0	
Practical Anatomy Dissections Fees	298 15 11	
Subscriptions and Donations Suspense Account	1,146 7 10	
Suspense Account	94 1 6	
Sundry Accounts	65 11 2	
		6,379 14 0
		£237,991 17 4

I have audited the above Accounts and Balance Sheet with the books, Report, certify them as being in accordance therewith. I have verified

16 Finsbury Circus, London, E.C.
December 28th, 1912.

UNIVERSITY COLLEGE.

College, August 31st, 1912. *Cr.*

ASSETS.

	£ s. d.	£ s. d.
By College Freehold Land, Buildings, Furniture, Library, etc., being the *Land with the Buildings of the College* and the Buildings Extensions, at the approximate valuation of August 31st, 1897	186,000 0 0	
By Physiology Institute (Expended to date)	21,842 14 10	207,842 14 10
By Suspense Account, Re-arrangement and Re-equipment of Buildings (to be provided out of Receipts of subsequent years)		
as per last year's Balance Sheet	1,328 5 8	
Less amount transferred this year out of the Treasury Grant	1,328 5 8	.....
By Suspense Account, Sculpture Studios (to be provided out of Receipts of subsequent years)	.....	243 19 9
By College Investments at cost (the approximate valuation of the day being £15,531 12*s.* 6*d.*)*		
Maintenance Fund :—		
Consols 2½ per cent.	7,569 0 9	
London County Council 3½ per cent. Stock	6,448 3 6	
	14,017 4 3	
Lady Goldsmid Fund :—		
Bank of England Stock	3,053 11 1	17,070 15 4
By Gower Street Houses.		
Cost as at August 31st, 1895	.....	4,500 0 0
By Refectory Department, Plant, etc.	.....	422 4 10
By Sundry Outstanding Accounts.		
Advance for Slade Record	50 0 0	
Loan to Refectory	200 0 0	
Pension Fund	23 8 4	
Sundry Debtors	524 3 3	797 11 7
By Deposit in respect of Purchase of All Saints' Church.	.....	295 0 0
By Deposit with Bankers.		
General Account	6,015 0 0	
Mocatta Memorial Library Fund	105 3 7	6,120 3 7
By Cash at Bank	226 2 10	
,, in Transit	420 18 4	
,, in Hand	52 6 3	699 7 5
		£237,991 17 4

* In addition the College receives for the same purpose from the Bawden Trustees the Income upon £16,000 (see page 85 under Interest and Dividends).

accounts and vouchers relating thereto, and, subject to the accompanying the Bank Balances and the Investments.

G. WALTER KNOX, B.Sc., F.C.A., *Auditor to the University.*

UNIVERSITY OF LONDON,

Dr. PENSION FUND BALANCE

LIABILITIES.

	£	s.	d	£	s.	d.
To BENEFICIARIES' AND COLLEGE CONTRIBUTIONS ACCOUNTS:—						
Amount brought forward August 31st, 1911	4,673	18	9			
Contributions to August 31st, 1912	1,276	11	0			
Interest on Ditto Ditto	142	11	10			
				6,093	1	7
To AUGMENTATION ACCOUNT:—						
Balance August 31st, 1911				119	19	7
To SUNDRY CREDITORS:—						
The College:—						
Expenses paid or incurred on behalf of the Fund				23	8	4
				£6,236	9	6

I have audited the above Balance Sheet with the
and, subject to the accompanying Report,

16 Finsbury Circus, London, E.C.
December 28th, 1912.

UNIVERSITY COLLEGE.

SHEET, AUGUST 31ST, 1912. *Cr.*

ASSETS.

	£	s.	d.
By The Commercial Union Assurance Company ..... funds in their hands at this date.	6,236	9	6
	£6,236	9	6

books, accounts and vouchers relating thereto, certify them as being in accordance therewith.

G. WALTER KNOX, B.SC., F.C.A., *Auditor to the University.*

UNIVERSITY OF LONDON,

Dr. TRUST FUNDS BALANCE

LIABILITIES AND CAPITAL.

To COLLEGE TRUST FUNDS CAPITAL ACCOUNT.	£	s.	d.	£	s.	d.
Balance August 31st, 1911	274,917	17	3			
Add Sundry Dividends Invested	980	5	7			
Thomas Douglas Murray Bequest	180	0	0			
Eleanor Grove Scholarship	2,000	0	0			
				278,078	2	10
To COLLEGE TRUST FUNDS INCOME AND EXPENDITURE ACCOUNT.						
Balance August 31st, 1912, being the sum of the Balances at that date				1,353	0	5
				£279,431	3	3

I have audited the above Accounts and Balance Sheet with the books, Report, certify them as being in accordance therewith. I have verified

16 Finsbury Circus, London, E.C.
December 28th, 1912.

UNIVERSITY COLLEGE.

SHEET, AUGUST 31ST, 1912. *Cr.*

ASSETS.

	£	*s.*	*d.*
By COLLEGE TRUST FUNDS as per Schedule of Invested Funds annexed, at cost (the approximate valuation of the day being £245,114 6*s.* 10*d.*)	278,078	2	10
By AMOUNT owing by College (see General Balance Sheet, page 88)	1,353	0	5
	£279,431	3	3

accounts and vouchers relating thereto, and, subject to the accompanying
the Bank Balances and the Investments.

G. WALTER KNOX, B.Sc., F.C.A., *Auditor to the University.*

UNIVERSITY OF LONDON, UNIVERSITY COLLEGE.

INVESTED FUNDS. August 31st, 1912.

	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	25.	26.	27.	28.	29.	30.	31.	32.	33.	34.	35.	36.	37.	38.	39.	40.	41.
	Consols 2½ %.	Bank of England Stock.	Guaranteed 2½ % (Irish Land Act, 1903.)	London County Council 3½ %.	Metropolitan 3 %.	Metropolitan 3½ %.	India 3½ %.	Belfast Corporation 3½ % Stock Redeemable.	Birmingham Corporation 3 %.	Bristol Corporation 3½ % Redeemable.	Croydon Corporation 3 % Redeemable.	Liverpool Corporation 3½ %.	Nottingham Corporation 3 % Irredeemable.	Swansea Corporation 3 %.	Scinde Railway Annuity B.	Portsmouth Corporation 2½ % Redeemable.	Sheffield Corporation 3 % Stock Redeemable.	Canadian Pacific Railway Company Preference Stock.	Cardiff Railway 3 % Debentures.	East Indian Railway Annuity B.	Great Central Railway 4½ % Debenture Stock.	Great Eastern Railway 4 %.	Great Indian Peninsula Railway Annuity B.	Great Northern Rly. 4 % Perpetual Guaranteed Stock.	Great Western Railway.	Hammersmith & City Ry. Consolidated Ord. Stock.	Lancashire and Yorkshire Ry. 5 % Cumulative Pref.	London, Brighton & South Coast Railway 4½ % Debenture Stock.	London and North-Western Railway.	London and South-Western Railway.	Metrop. District Railway 6 % Debentures.	Midland Railway 2½ %.	North London Railway.	Railway Invest. Co. Limited 4½ % Preferred.	South-Eastern Railway.	Calico Printers' Assoc. 4 % Perpetual 1st Mort. Debenture Stock.	Lazie Brewery & Investment Co. Irredeemable Debenture.	Elmore's Trust Limited £1 Ordinary Shares.	Metropolitan Water Board 3% A Stock Redeemable.	United States Steel Corporation 5% Sinking Fund Gold Bonds Redeemable.	National Rail Road of Mexico Prior Lien 4½ % Gold Bonds.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£	£	£	£	£	£	£	£ s. d.	£	£	£	£	£ s. d.	£	£	£ s. d.	£	£	£	£	£	£	£ s. d.		
*Maintenance Fund	7,946 6 10			6,600 15 7																																					
Lady Goldsmid Fund		1,202 3 9																																							
Andrews Scholarships						5,686 5 0																																					
Astor Professorships	21,149 18 11																																								
Barlow Lectureship	1,000 0 0																																								
Do. Accumulation of Dividends					19 19 9																																				
Bayliss																																									
Berridge														9,933 1 7																											
Bucknill Scholarship													1,437 7 1			2,000																			2,000 (a) (f)			37½			
Campbell Clarke Scholarship																														1,500 (a)(r) 22 (a)(s)											
Celtic																																875 0 0 (f)									
Cluff Memorial Prize																													266 13 4 (a) (l)												
Crabb Robinson (Flaxman)																									1,800 (e) (j)																
De Moleyns	601 9 3																																								
Derby Scholarship													1,987 10 6							57		2,451 (m)																			
Edwards Professorship																																									
Fielden Professor and Scholars				4 18 2														143																	4,000 (e) (m)						
Foster, Carey, Prize				306 15 3																																					
Geological Museum					3,290 3 8																																					
Goldsmid Professorships					14,826 8 2															297		267 2 0																			
Goldsmid, Sir F. H., Bart.																																811 1 11 (f)									
Goodall Scholarship					2,201 8 0															67																100						
Grant (Zoological Library)					10 13 10																																				
Griffith							1,091 5 11	1,000																					7,423 6 8 (a) (l)												
Grote Professorship						50 0 0																																			
Grove Scholarship																																									
Head Prize	199 3 11																																								
Heimann Medal																																									
Hobbes, John Oliver (Mrs. Craigie) Memorial Scholarship																																							$2,000	$500	
Do. Accumulation of Dividends	30 9 6																																								
Hollier Scholarships	4,907 11 10																																								
Do. Examination	1,200 0 0																																								
Holme			12,400 0 0																																							
Hume Memorial Scholarships					180 8 0	1,247 17 0																																				
Do. Accumulation of Dividends					712 4 9	70 14 6																																				
Jessel Studentship	2,436 15 4																																								
Do. Accumulation of Dividends	162 11 11																																								
Jews' Commemoration Scholarship	1,000 0 0																																								
Do. Accumulation of Dividends				29 8 9		200 0 0						7,562 13 11																													
Jodrell Physiology Professorship							7,220 4 4																																		
Do. Zoology Professorship															454 9 11	512 15 3																										
Lewis, Bunnell, Prizes																29 3 0																										
Do. Accumulation of Dividends					88 13 0	127 2 4	90 9 3																																			
Library Deposits				433 1 6																																						
Lloyd Scholarships				19 17 6																																						
Do. Accumulation of Dividends					276 8 3	470 6 10																																					
Malden Medal and Scholarship																																									
Melvill Nettleship Prize					314 15 6																																				
Mill Scholarship					43 7 0																																				
Do. Accumulation of Dividends			1,455 16 6		1,285 1 3								22 7 6																												
Mocatta Library																														470 (b)(g)											
Morley Medal					55 9 5																																				
Morris Bursary					100 17 8																																				
Morris Prize																																278 0 2 (f)									
Murray Scholarship																																									
Newmarch Lectureship																																			1,524						
Peel	1,745 15 1					1,480 16 6																																			
Peene																																									
Pender Professorship		1,381 15 0			62 9 0												50																								
Postgate																			8,320		1,000	588 19 11	3,375	2,000 (e) (h)	4,000					2,666 (a)(r)		9,440 0 0 (f)								
Quain	5,590 2 11		1,368 12 4											1,107 9 7											3,333							4,000 0 0 (p) 550 0 0 (f)			3,000 (d) (m)					
Quain Law Professorship				66 10 9																																					
Retired Professors	1,301 3 9			196 5 10	2,068 5 11								1,154 1 2											2,100 (e) (j)																
Do. Accumulation of Dividends					989 9 7																																				
Ricardo Scholarship						594 19 5																																				
Do. Accumulation of Dividends				73 10 5		701 18 8																																				
Rothschild, Hester & L. M. (Halfon) Prizes																																							1,657 0 5		
Do. Accumulation of Dividends																																							46 14 2		
Rothschild, Mayer de, Exhibition																							66 15 6																		
Schafer Memorial Prize					205 1 2																		48 1 9																		
Sharpey Scholarship			566 16 0		129 0 6																											1,942 8 0 (f)								
Slade Prizes							2,108 9 3																																		
Slade Professorship							6,620 2 8																																		
Slade Scholarships							9,135 4 1																																		
Thompson-Yates																												700												
Tuffnell Scholarships							5,153 9 9																																		
Ware Bursary					100 17 8																																				
Watson, Ellen, Scholarship					248 7 3		347 16 6																																		
West Scholarship					68 13 3																			600 (e) (j)																	
Women's History		72 2 4																																							
Yates Archæology Professorship																																									
Do. Geology Professorship																																									
Do. Do. Do.																																									
	49,271 9 3	2,656 1 1	15,791 4 10	7,731 3 9	27,858 2 7	10,630 0 3	31,767 1 9	1,090	1,107 9 7	454 9 11	541 18 3	7,562 13 11	4,601 6 3	9,933 1 7	1 2	2,000	50	143	8,320	421	1,000	2,451	970 19 2	3,375	7,600	4,000	3,333	700	11,907	4,658	333	17,896 10 1	6,402	1,524	9,000	100	100	37 10	1,703 14 7	$2,000	$500

Standing at a Book value of £378,078 2s. 10d., the approximate valuation of the day being £345,114 6s. 10d.

Standing at a Book value of £1,631 12s. 6d., the approximate valuation of the day being £1,631 12s. 6d.

* In addition the College receives for the same purpose from the Bawden Trustees the Income upon £16,000.

(a) 3 %. (b) 3½ %. (c) 4 %. (d) 4½ %. (e) 5 %. (f) Debenture Stock. (g) Preference Stock. (h) Rent Charge Stock. (j) Consolidated Guaranteed Stock. (k) Consolidated Ordinary Stock.
(l) Perpetual Debenture Stock. (m) Consolidated Preference Stock. (n) Consolidated Stock. (o) Preferential Consolidated Stock. (p) Perpetual Guaranteed Preferential Stock. (r) Consolidated Debenture Stock. (s) Debenture Stock "A."

December 28th, 1912.

G. WALTER KNOX, B.Sc., F.C.A., *Auditor to the University.*

95